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U.S. DEPARTMENT OF AGRICULTURE
DIVISION OF BOTANICAL GARDENS
MAR 11 1899
BOTANICAL LABORATORY



Nº12



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LAMBERSON'S SEED ANNUAL 1898.

BUELL LAMBERSON,

180 AND 182 FRONT STREET,

PORTLAND, OREGON.

We ask the **ATTENTION** of **SEED BUYERS** to the following pages, where they will find a large list of Seeds, Plants and Tools, which we carry in stock. It is the largest and most complete list we have ever issued, and we are better prepared than ever to supply any class of goods belonging to the Seed Business and to fill orders promptly and completely.

QUALITY.

Our seeds are bought from the most **RESPONSIBLE GROWERS** in the country and we have such confidence in them that we do not hesitate to say they are as good as the best—east or west.

PRICE.

Our prices are low and we invite comparison with any first-class catalog in the country. **PLEASE NOTE** that we **PREPAY POSTAGE** on all Vegetable and Flower Seeds, including corn, beans and peas in packets, ounces, quarter-pounds and single pounds as listed.

WE WANT YOUR MAIL ORDER BUSINESS.

Those who have bought of us in the past know that we can and do serve our correspondents well and that it is an advantage to any one on the Pacific Slope to buy his supplies here. We have many letters from customers expressing satisfaction with the goods we have sent them and promising further orders. This we consider the best recommendation we can have. "A pleased customer is the best advertisement," and we have thousands of them.

FREE DELIVERY.

Our offer last season of **free delivery** on bills of \$10 or over was appreciated, and we now renew the offer as follows:

We will prepay freight to any railroad station or steamboat landing in Oregon or Washington on

orders amounting to \$10 or over at catalog prices, **except** on the following goods: Grass and Clover Seed, Bee Supplies, Oliver Chilled Plows, Fertilizers, Ground Bone, Wire Netting, Oyster Shells, Land Plaster, Bluestone and Sulphur. This offer is good till June 1st, 1898, after which time it may be withdrawn at our option without further notice.

Order at once and secure the advantage of this offer. If you do not require the full amount ask some of your neighbors to join with you and make a ten-dollar club.

PACKET SEEDS.

Customers Sending	{	\$1.00	May Select	{	\$1.30	Worth of Seeds in Packets.
		2.00			2.70	
		3.00			4.00	
		4.00			5.50	
		5.00			7.00	

This discount, however, does **NOT** apply to Seeds by weight or collections, nor does it apply to orders sent at different times during the season.

Always use our order sheets, and send for more if required.

For Collections of
Vegetable
And . . .
Flower Seeds

SEE LAST PAGE OF THIS CATALOG.

THIS PRICE LIST

Supersedes all previous issues. In ordering please refer to it as Number 12 to avoid confusion.

VEGETABLE SEEDS.

ARTICHOKE.

LARGE GREEN GLOBE.

The variety used as a table vegetable. The edible portion is the thick end of the leaf of the flower head. It will produce only a small crop the first year, but will continue in good bearing about five years.

Pkt., 5c; oz., 30c; ¼ lb., 90c.

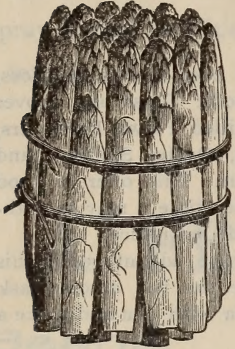
JERUSALEM ARTICHOKE.

This variety is not produced from seed, but is cultivated for its tubers, which are especially valuable for stock-feeding on account of their fattening properties; they are well adapted to any soil where corn and potatoes can be grown. They are the best hog food known; a preventive of cholera and other hog diseases. One acre planted in Jerusalem Artichoke roots will keep from 20 to 30 head of hogs in fine condition from October until April.

lb., 20c; 100 lbs., \$3.50.

ASPARAGUS.

COLUMBIAN MAMMOTH WHITE.



ASPARAGUS.

We believe this to be the most valuable variety in cultivation. Not only are the stalks of the largest size, but they are produced abundantly and very early. They are clear white, and remain so in favorable weather, until three or four inches above the surface.

Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 80c.

BARR'S MAMMOTH.

A fine new variety, originating in Philadelphia. The stalks are large and retain their thickness to the top. They are very tender and free from woody fiber, and make shoots fit for market in a single day.

Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.

CONOVER'S COLOSSAL.

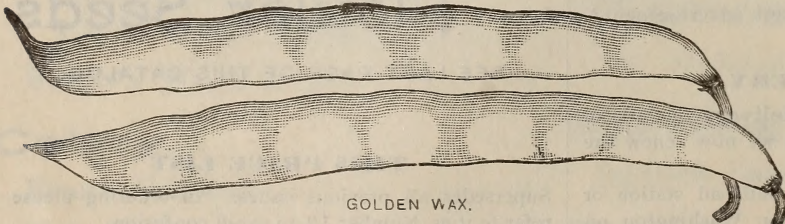
A standard variety. The shoots are of the largest and of excellent quality. One of the best liked and best-known kinds in the market.

Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c.

PALMETTO.

This is a comparatively new variety, but has been in cultivation long enough to prove that it is a very desirable addition. It is much earlier than the ordinary sorts, very even and regular in its growth, and a heavy yielder. Average bunches contain 15 shoots, measure 13½ inches in circumference, and weigh about two pounds. It is well adapted for all sections.

Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.



GOLDEN WAX.

BEANS.

DWARF, BUSH OR SNAP.

We prepay postage on packets or single pounds. On larger quantities the buyer pays express or freight charges.

BLACK-EYED WAX.

Vines medium size, pods long, straight, proportionately narrow, and rounder than those of the Golden Wax, and of a lighter color, with medium length, light green point. They cook quickly, both as snap and as shell beans. Dry beans, medium size, long cylindrical, white with black spot around the eye. As early as the Golden Wax, and of very good quality.

Pkt., 10c; lb., 20c; 50 lbs., \$4.25.

CHALLENGE DWARF BLACK WAX. EXTRA EARLY.

We are enabled to offer this grand variety with the strongest assurance that it is indeed the earliest of all the wax beans. Planted side by side with all the better sorts, it has proven to be fully one week ahead of any of them, while it is as vigorous and prolific as the Prolific German Wax. Market gardeners and others, to whom earliness is a matter of prime importance, cannot afford to be without this, which is truly the "earliest of all" the wax beans.

Pkt., 10c; lb., 20c; 50 lbs., \$4.25.

DAVIS WAX.

Wonderfully productive; very vigorous and hardy. Vines of upright growth, holding the pods well up from the ground. For market and shipping it has no superior, as, when young, it is very crisp, tender and stringless. Dry beans, white.

Pkt., 10c; lb., 20c; 50 lbs., \$4.75.

GOLDEN WAX

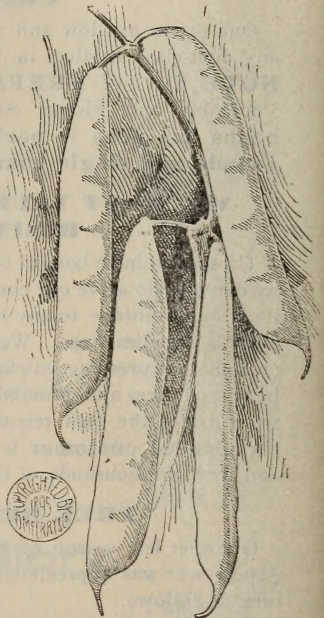
Has been for many years the best bean for general use in cultivation, and even now it is a competitor with the newer sorts for first place. Vines medium size, erect, moderately spreading. Very hardy and productive, with small, smooth leaves, and small, white blossoms.

Pkt., 10c; lb., 20c; 50 lbs., \$3.25.

D. M. FERRY & CO.'S DETROIT WAX.

Rust proof. This bean combines hardiness and productiveness with fine quality. A strong growing bush variety, of remarkable vigor and freedom from rust. It sends out short tendrils on which pods are formed in addition to those near the central stock of the plant, which accounts for its wonderful productiveness, amounting under favorable conditions to 100 to 150 fold.

Pkt., 10c; lb., 20c; 50 lbs., \$4.00.



DETROIT WAX.

ROGERS' "LIMA WAX,"

(New.)

The dwarf plants are of an unusual branching habit, with dense, thick foliage, which completely covers the pods while growing. The pods are of a beautiful light lemon color, broad and flat; while not entirely stringless, they are tender and of fine flavor when young; very prolific. Each packet contains about 100 of the small white beans.

Pkt., 15c; lb., 30c.

WARDWELL'S KIDNEY WAX.

One of the best of the wax varieties. Ripens about the same time as the Golden Wax. The dry beans are large, kidney-shaped, white with dark markings about the eye. Market gardeners find this a profitable variety, owing to the large size and handsome color of the pods.

Pkt., 10c; lb., 20c; 50 lbs., \$4.00.

GREEN PODDED VARIETIES.

BROAD WINDSOR OR ENGLISH BROAD.

This is entirely distinct from the common or French bean. The large coarse pods are borne on stout plants which are coarser, more erect, and less branched than the French.

Pkt., 10c; lb., 20c.

BURPEE'S NEW STRINGLESS.

The Only Stringless Green-Podded Bush Bean in market. It is crisp and tender, and of fine flavor, and is ABSOLUTELY STRINGLESS. It is a good grower, very prolific, and very early.

Pkt., 15c; lb., 30c.

BURPEE'S BUSH LIMA.

Identical in size and luscious flavor with the large Lima. One of the most decided improvements in vegetable growths on record.

Pkt., 10c; lb., 25c.

DREER'S BUSH LIMA.

A dwarf form of the Challenge Lima having the same thick pod and large thick beans which made the Challenge so popular. It is hardier and matures its crop earlier than the dwarf Large White Lima, and the beans are of better quality.

Pkt., 10c; lb., 25c.

EARLY CHINA RED EYE.

A good snap bean if picked young. The dry beans are best of all for baking.

Pkt., 10c; lb., 20c; 50 lbs., \$3.50.

EARLY MARROW, OR DWARF WHITE NAVY.

A sure cropper, much more prolific and of better quality than the common white bean. Vines large, spreading, with occasional runners, with small, thin leaves. Very prolific, ripening its crop early and all at once. Beans small, oval, white, handsome and of superior quality.

Pkt., 10c; lb., 20c; 50 lbs., \$3.50.

EARLY MOHAWK.

Very hardy. On account of this may be planted much earlier than other sorts. Vines large and stout, with large, coarse leaves.

Pkt., 10c; lb., 20c; 50 lbs., \$3.50.

**EARLY RED VALENTINE IMPROVED,
(Round Pod.)**

For snaps there is nothing superior to this variety among the green-podded sorts, and many prefer it to the wax varieties.

Pkt., 10c; lb., 20c; 50 lbs., \$3.50.

HENDERSON'S BUSH LIMA

For convenience and practical use in the home garden, it is a really good thing, and deserves a permanent place among the garden beans. It grows without the aid of poles, in compact bush form, about 18 inches high, is very productive, and at least two weeks earlier than any other of the Pole Limas.

Pkt., 10c; lb., 25c.

**DWARF HORTICULTURAL OR
SPECKLED CRANBERRY.**

A bush variety of the well-known Horticultural pole bean. Pkt., 10c; lb., 20c; 50 lbs., \$3.75.



EXTRA EARLY REFUGEE.

This is, without any doubt, the earliest of the green-podded sorts, and is, indeed, as early as the wax varieties, furnishing a full picking of well-developed pods as early as Golden Wax. Vines are vigorous, hardy, and productive as ordinary Refugee, though ten days earlier, and about the same size and shape, and fully as good quality for snaps.

Pkt., 10c; lb., 20c; 50 lbs., \$3.00.

IMPROVED GODDARD.

Vines erect and branching, forming a dwarfed but compact and sturdy bush. Leaves large, bright green, crimped. Pods large, long, flat; green when young; but as the beans become fit for use are beautifully splashed and striped with crimson. Dry beans marked like Dwarf Horticultural, and of the same color, but are longer and larger. Matures crop early and is very prolific.

Pkt., 15c; lb., 25c.

LARGE WHITE MARROW, OR MOUNTAIN.

Vines large, slender, spreading, with short runners, small, leaves; very prolific; pods medium, broad green, changing to yellow; beans large, clear white, ovoid, cooking very dry and mealy.

Pkt., 10c; lb., 20c.

**ROUND YELLOW SIX-WEEKS, IM-
PROVED ROUND POD.**

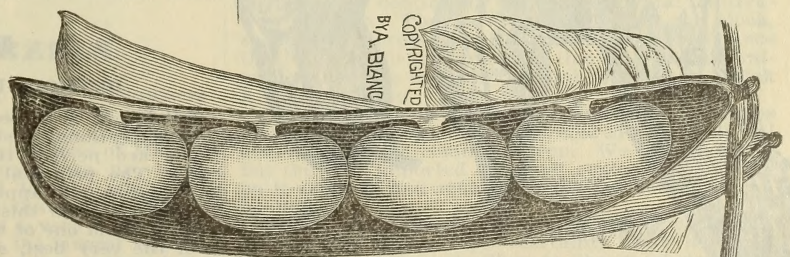
A first-class string or snell bean.

Pkt., 10c; lb., 20c; 50 lbs., \$3.00.

ROYAL DWARF KIDNEY.

Plants large, branching, with large, broad leaves and white flowers; pods medium size, variable in shape, dark green, coarse; beans large, kidney-shaped and of excellent quality, green or dry.

Pkt., 10c; lb., 20c; 50 lbs., \$3.25.



LIMA.

POLE BEANS.**CHALLENGER LIMA.**

Very early. Pods are borne in large clusters. Very popular with market gardeners.

Pkt., 10c; lb., 25c.

DUTCH CASE KNIFE.

Good corn hill bean, very early; pods are long and flat; beans white; used green or dry.

Pkt., 10c; lb., 20c.

EARLY GOLDEN CLUSTER WAX.

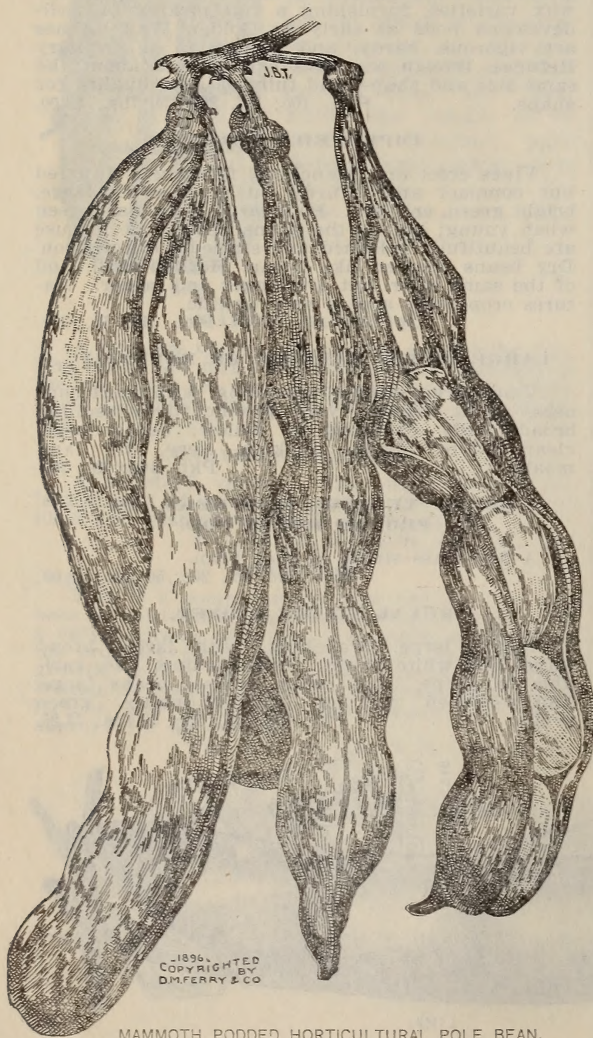
A well-known early and very beautiful sort. Vines large, vigorous, hardy; pods six to eight inches long, borne in abundant clusters, each containing from three to six pods; color bright golden yellow; of the very best quality.

Pkt., 10c; lb., 25c.

GOLDEN CHAMPION.

We think this the earliest and at least one of the best of the wax podded pole beans. Medium size to large, with golden yellow stems. Pods long, cylindrical, much curved, very fleshy, stringless, bright golden yellow color, of excellent flavor, and borne in clusters; dry bean, long, narrow, flat, kidney-shaped, bluish-black. The points of superiority in this variety are extreme earliness, great prolificness, and the unusually fine color and quality of the pods.

Pkt., 10c; lb., 25c.



1896.
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BY
DUFFY & CO

MAMMOTH PODDED HORTICULTURAL POLE BEAN.

MAMMOTH PODDED HORTICULTURAL POLE BEAN.

The old London Horticultural has been considered the very best bean known for use, either as green-shelled or for baking; but in this sort we have a bean similar in general character, but better in every way. The mammoth pods are striped and splashed with exceedingly brilliant crimson, and the immense beans are of the very best quality. The vine is hardier and more productive; the pod is larger and more beautiful; the bean is larger and of better quality.

Pkt., 10c; lb., 25c.

LONDON HORTICULTURAL, OR SPECKLED CRANBERRY.

Vines moderately vigorous, with large, light-colored leaves and purple blossoms; pods short, broad, pale green, but becoming streaked with bright red; beans large, ovate, splashed and spotted with wine red, and of the highest quality, either green or dry. Many people esteem them better than the Limas.

Pkt., 10c; lb., 25c.

HORTICULTURAL POLE LIMA.

This bean, being a cross between Dreer's Pole Lima and the Dwarf Horticultural, combines the rich, delicious flavor of the large Lima with the dry, mealy character of the Horticultural, and matures beans fit to use green as early as the latter. It originated along the Vermont shore of Lake Champlain, and is perfectly adapted to latitudes far north of where any Lima can be grown successfully. It is the hardiest, the earliest and the best quality of any green, podded pole bean. Specially adapted for using green shelled.

Pkt., 10c; lb., 25c.

INDIAN CHIEF, OR TALL BLACK WAX.

Pods short, broad, fleshy, white, very wax-like, and of superior quality as snaps, remaining in suitable condition longer than most varieties; beans indigo blue.

Pkt., 10c; lb., 25c.

KENTUCKY WONDER, OLD HOMESTEAD, OR ASPARAGUS.

A highly recommended variety for use in a green state. It is enormously productive; the pods hang in great clusters from top to bottom of the pole. The pods, which are entirely stringless, are a pale silvery-green color, which, in addition to its excellent clinging habit, makes the plant indeed a fine sight. The pods, though large, are tender and melting when cooked. Try it.

Pkt., 10c; lb., 25c.

LARGE WHITE LIMA.

The standard for quality. Pkt., 10c; lb., 25c.

SCARLET RUNNER.

A favorite, both as a snap bean and for its flowers, which are bright scarlet; seeds broad and kidney-shaped.

Pkt., 10c; lb., 25c.

WHITE CREASE BACK.

Wonderfully productive, bearing pods in clusters of four to 12. Pods medium length, silvery-green, of the best quality as snaps, and stand shipment better than most sorts.

Pkt., 10c; lb., 20c.

BEETS.**DETROIT DARK RED TURNIP.**

A grand new beet for bunching for market; tops exceptionally small and uniformly upright. Roots are perfect turnip-shape, with small tap-roots. The principal fault with most turnip-beets is the occasional appearance of white rings, but by careful selection this has been overcome, and this will be found one of the deepest red beets. Quality is of the very best, sweet and tender, well worthy of a trial this season.

Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

ECLIPSE.

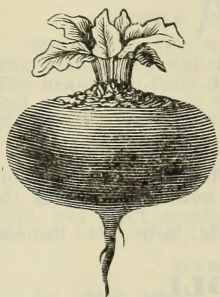
A very early globe-shaped beet, with small top and thin root; its skin an intense deep red, its flesh of very fine texture, in earliness and quality it is excelled by none. Many of our market gardeners prefer it even to the old standard variety, the Egyptian. Pkt., 5c; oz., 7c; ¼ lb., 15c; lb., 50c.

EARLY TURNIP BASSANO.

Medium early and very productive. Grows to a good size. Pkt., 5c; oz., 7c; ¼ lb., 15c; lb., 45c.

EDMAND'S EARLY BLOOD TURNIP.

This beet of American origin has been brought by careful selection to a uniformly smooth root and small top, making it among the best for table use. Tops, low, small, spreading; leaf stalks and ribs dark red; blade of leaf bright green, and having a markedly wavy edge; roots dark red, interior color purplish red, zoned with a lighter shade. Crisp, tender, sweet and an excellent keeper. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.



EGYPTIAN BLOOD.

EXTRA EARLY EGYPTIAN BLOOD TURNIP.

By many considered the best variety for forcing, and is liked best by many market gardeners for the first early crop, being very early, with small top. Roots very dark red, rounded on top, but flat beneath, with very small tap roots.

Pkt., 5c; oz., 7c; ¼ lb., 15c; lb., 50c.

IMPROVED EARLY BLOOD TURNIP.

An extra selected stock of blood turnip, having larger, coarser tops and roots than the Detroit Dark Red, and requiring a considerably longer time to mature. Excellent for summer and autumn use. Pkt., 5c; oz., 7c; ¼ lb., 15c; lb., 50c.

LONG DARK BLOOD, IMPROVED.

A well-known winter sort. Good shape, sweet and tender. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

NEW HALF LONG BLOOD.

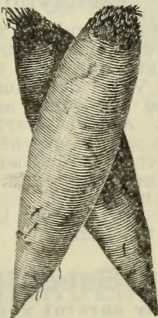
Altogether the best variety for fall and winter use; always smooth and handsome; flesh sweet, crisp and tender, never becoming woody.

Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

SWISS CHARD, OR SEA KALE.

Cultivated for its leaves only, being used as spinach; cooked like asparagus.

Pkt., 5c; oz., 7c; ¼ lb., 15c; lb., 45c.



NEW HALF LONG BLOOD.

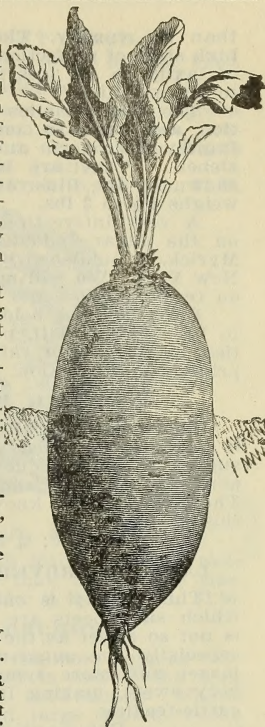
MANGEL WURZELS.

The importance of this crop to all stockraisers cannot be overestimated, but it is fully realized and acted on by very few of our American farmers. When the fact is considered that 50 tons of Mangel Wurzel may be grown on a single acre, providing fresh and healthful stock food for the winter at so small an outlay, wonder is that every farmer does not profit by it. We carry a very large stock of Mangel seed, and can supply the largest buyers. Write for estimates on quantities larger than here quoted.

GOLDEN TANKARD.

The best yellow Mangel in cultivation. A distinct and valuable yellow-fleshed variety, which contains a large percentage of sugar and more nutritive matter than any of the red-skinned sorts. It has already taken the lead of other varieties in England, and is more relished by milch cows and sheep than any other.

In shape it is almost cylindrical, narrowing abruptly at both ends. It is very easily pulled, exceedingly hardy, and matures somewhat earlier than the other large sorts. Pkt., 5c; ¼ lb., 15c; lb., 40c; 10 lbs., \$2.50.



GOLDEN TANKARD.

ALL PRICES on vegetable and flower seeds, in packets, ounces, quarter pounds and single pounds, INCLUDE POSTAGE.

FREE DELIVERY BY FREIGHT OR EXPRESS.

WE WILL DELIVER FREE to your nearest railroad station or boat landing in Oregon or Washington, and Southern Idaho, orders amounting to TEN DOLLARS or over, according to offer on page 1 of front cover.

IMPROVED MAMMOTH LONG RED.

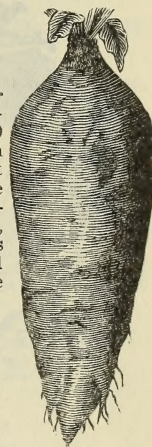
This is an enormously productive variety, yielding from 50 to 70 tons to the acre, a single root often weighing from 20 to 30 pounds. It is the best long red Mangel, and one of the greatest value for stockfeeding. They grow well above ground, and are easily pulled. Our strain is an extra selection of the largest and thickest Mangels, representing the true type.

Pkt., 5c; ¼ lb., 15c; lb., 40c; 10 lbs., \$2.50.

ORANGE GLOBE.

An excellent variety. It has exceedingly small tops and few leaves. Roots globe-shaped, growing almost entirely above ground.

Pkt., 5c; ¼ lb., 15c; lb., 40c; 10 lbs., \$2.50.



MAMMOTH LONG RED.

YELLOW LEVIATHAN.

Roots long, olive-shaped, large, growing over one-half out of the ground.

Pkt., 5c; ¼ lb., 15c; lb., 40c; 10 lbs., \$2.50.

SUGAR BEET.

So much has been written on Sugar Beets that we do not deem it necessary to urge the importance of continuing the experimental cultivation of them. They are excellent food for stock, so there is a profit in raising them, with the chance that the experience gained in this way will be valuable when the industry is established here, which it surely will be.

Last season we sent out hundreds of packages of seeds for tests, and are prepared to supply all demands for the coming season. We keep nothing but the best imported seed and customers can rely on it as fresh and true to name—the best that can be had.

There are a great many varieties of beets cultivated for sugar. "The certainty that the seed has been grown according to the most scientific method is of greater importance to the beetgrower

than the variety. The beet has reached such a high state of perfection as to make the least degree of laxity in its treatment exceedingly dangerous to its qualities."

The two varieties recommended for this section, and likely to come into general use, are the Improved Vilmorin and the Improved Klein Wanzleben. They are identical in appearance, as shown by the illustrations below. The ideal beet weighs $1\frac{1}{2}$ to 2 lbs.

A very interesting and fully illustrated book on the sugar industry of America, by Herbert Myrick, is published by Orange Judd Company, of New York. We will mail this book to any address on receipt of 50 cents.

Prices quoted below are for small quantities, to be sent by mail, postpaid. For larger quantities, by express or railroad, we will make special prices on application.

FRENCH WHITE RED TOP.

The most generally grown sort in France, as it combines with heavy yield a good percentage of sugar. It has produced 30 tons of beets to the acre, and contains from 10 to 13 per cent. of sugar. The largest yields known have been obtained with this variety.

Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 35c; 10 lbs., \$2.50.

LANE'S IMPROVED IMPERIAL SUGAR.

This variety is one of the best for the uses which such beets are put to in this country. It is not so sweet as the French Sugar Beets grown especially for sugar-making, but the roots are larger and more symmetrical, of fine grain and very sweet, making it good for table use or for cattle-feeding.

Pkt., 5c; $\frac{1}{4}$ lb., 15c; lb., 40c; 10 lbs., \$2.50.



VILMORIN'S IMPROVED IMPERIAL SUGAR.

In general the most desirable beet for the sugar factory is the one containing the largest percentage of sugar. It is a medium-sized white sugar beet, which by the most careful selection has been brought to the highest perfection, both in the constancy of shape, size and color of the roots, and their high sugar content. It yields from 10 to 16 tons per acre, and contains 10 to 18 per cent. of sugar.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

WE INVITE COMPARISONS with other catalogs. Our stock is varied and complete and our **PRICES** are **RIGHT**. Correspondence solicited.



KLEIN WANZLEBEN.

A little larger than the Vilmorin, yielding from 12 to 18 tons per acre, and containing about the same amount of sugar.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

BROCCOLI.

NEW WHITE CAPE.

A very desirable vegetable. Heads medium size, close and compact, beautiful creamy-white color. A sure header.

Pkt., 5c; oz., 40c.

NEW PURPLE CAPE.

Differs from the preceding one only in color.

Pkt., 5c; oz., 40c.

BRUSSELS SPROUTS.

DWARF IMPROVED.

Heads resemble a lot of very small cabbages growing on a stalk. Very delicious if cooked the same as cabbage. Are also very valuable for greens, even after a hard frost, which generally improves the flavor.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

Good Seeds.

However careful you may have been in the preparation and fertilization of the soil, unless you have been careful to secure **Pure and Reliable seeds**, your labor is **LOST**.



BRUSSELS SPROUTS.

NO CREDIT MEMORANDUMS.

If your remittance is for more than the amount of your purchase, we return the balance due you in cash.

CABBAGE.

We offer a VERY LARGE ASSORTMENT for our customers to select from. The seed comes from first hands, and is all first class. We offer no so-called "second strain." We keep but ONE QUALITY, and that is THE BEST.

NEW JERSEY WAKE-FIELD.

Stands today in an exalted position among early cabbages. It is grown more exclusively for market than any other early cabbage. It is always of good size, very solid, and has but few outside leaves; a reliable header, and always gives good satisfaction for every purpose.

Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.



JERSEY WAKEFIELD.

VERY EARLY ETAMPES.

Similar to the well-known Jersey Wakefield. The plants are lighter colored but not so hardy. The heads are fully as large, not quite so pointed, and are of excellent quality. Sold also as Earliest of All, Wonderful, etc.

Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

EXTRA EARLY EXPRESS.

A few days earlier than Early Jersey Wakefield, but can't compete with that sort when it is ready.

Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.25.

EARLY YORK.

An early variety: Heads small, heart-shaped, firm and tender.

Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.



EARLY WINNIGSTADT.

Sure to head on all soils. A great favorite with the Germans.

Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

HENDERSON'S EARLY SPRING

The only Extra Early Flat-Headed Cabbage in the world.

A FIRST EARLY FLAT CABBAGE

Coming in with the Wakefield and yielding one-third more. The distinguishing feature of this variety is that it is a first early and flat, a type much preferred to pointed heads by most people. It has all the good qualities of the Early Summer, and is only a trifle smaller.

Pkt., 10c; oz., 50c.

EARLY DWARF FLAT DUTCH.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

EARLY DRUMHEAD.

Plants compact, with very thick, dark green leaves, covered with a dense bloom, which protects them in a measure from the worms. Heads flat, very solid and of good quality.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.



HENDERSON'S EARLY SUMMER.

Ten to 12 days later than Early Jersey Wakefield. Heads average more than double the size.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

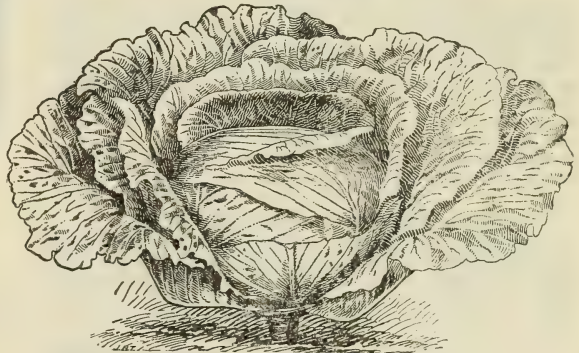
FOTTLER'S EARLY DRUMHEAD.

In many sections this is the most popular cabbage grown, and it certainly is one of the very best second early sorts in cultivation. Plants have very short stems and large leaves, which start from the stem horizontally, but turn upward about the head. Head large, very flat, compact and solid, and of fine quality.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

ALL SEASONS.

Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.



MARBLEHEAD MAMMOTH DRUMHEAD.

Under good cultivation, acres have been grown where the heads would average 30 pounds each.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

GREEN GLAZED.

A standard late variety, and is not affected by heat. Heads large but rather loose and open. Enjoys comparative immunity from the attacks of insects.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

PREMIUM LATE FLAT DUTCH.

This we consider superior to any late cabbage in cultivation when large areas are planted for shipping. It possesses all the good qualities of the Late Flat Dutch, and is a sure header.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

FILDERKRAUT.

Similar to, but larger and much more pointed, and heading up with fewer outside leaves, than the Winnigstadt, and highly esteemed for making kraut.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

SUCCESSION.

A sure-heading, long-keeping variety, very similar to All Seasons. Our seed is from carefully grown, selected stock, and is the best that can be produced. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

LARGE LATE DRUMHEAD.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

STONE MASON MARBLEHEAD.

We think this is one of the very best for fall and winter use, being the best in quality of the smooth-leaved kinds. Plant medium size with only a moderate number of leaves; stem medium length; heads medium size to large, round or slightly flattened, very solid, crisp and tender, and without any coarse or strong flavor. It will certainly give the greatest satisfaction, both to the amateur and market gardener, and ought to be planted largely by both.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.



AUTUMN KING, OR WORLD BEATER.
(Burpee's).

A sure header, head very solid, and is very fine-grained and tender, much more so than any other large cabbage. It grows quicker than any other large cabbage, and will produce more to the acre than any other cabbage. The plants should be set about three feet each way, making 4840 to the acre. Color dark green, with a slight bronze or brownish tinge to the outer leaves. The heads are remarkably thick through, and will attain a greater weight than the Marblehead Mammoth; has a short stem, and grows near the ground.

Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

HOLLANDER OR DUTCH WINTER.

The heads of this valuable sort are of medium size, averaging a weight of eight pounds; are very solid and deep, and of a fine white color, making them entirely distinct from any other strain. Their quality is superior, and they keep better than any other sort.

Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 85c; lb., \$3.00.

IMPROVED AMERICAN SAVOY.

SAVOY.

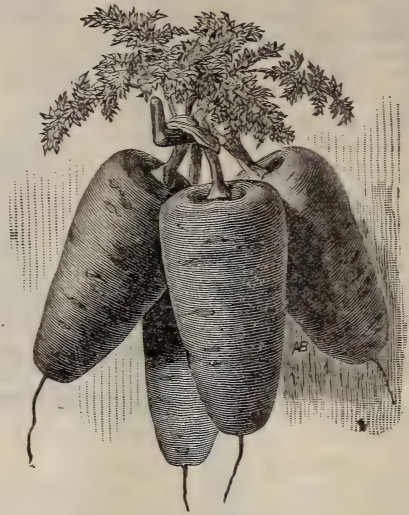
MAMMOTH ROCK RED.

Certainly the finest and by far the best new variety of red cabbage on the market. The heads will average over 10 pounds each, and are always of rich red color inside as well as outside, while they are almost literally as hard as a rock. You will do well to try it.

Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.

Very valuable variety, being of much finer flavor and quality than the best of other cabbage. It is particularly adapted for private use, where quality rather than quantity is desired.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

CARROTS.

CHANTENAY.

A stump-rooted variety, very popular with gardeners, perfect and uniform in shape; very productive.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c; 5 lbs., \$3.00.

DANVER'S HALF LONG STUMP ROOTED.

The best variety for general crop. It is of rich orange color, and a heavy yielder. A splendid keeper. Valuable for table use as well as for stock.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c; 5 lbs., \$2.75.

EARLY HALF LONG, SCARLET CAREENTAN, (Coreless.)

Tops very small, roots cylindrical, with a remarkably small neck; very handsome, deep orange in color, with scarcely any core, and of the best quality. They can be sown very thick, and the well adapted for forcing.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

DANVERS HALF LONG.

EARLY HALF LONG SCARLET.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

EARLIEST SHORT HORN, FRENCH (Forcing.)

The earliest variety in cultivation, and best suited for forcing. Root reddish brown, globular, and about two inches in diameter; should be used before full grown.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



FRENCH FORCING.

EARLY SCARLET HORN.

A favorite for early crop. Flesh finely grained and of agreeable flavor; tops small; has a short, stump-shaped root.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.



GUERANDE, OR OXHEART.

A thick carrot, five or six inches long and very blunt at the lower extremity. It grows very rapidly, and the root attains a weight of more than a pound. It is tender and of good flavor, and a variety we can recommend to all market gardeners.

Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

IMPROVED SHORT WHITE.

The largest and heaviest cropping carrot known; the roots are short, very heavy at the shoulder, of uniform shape, and smooth; light green color above ground, white beneath; flesh rich, white, solid, crisp, and of sweetest flavor.

Pkt., 5c; oz., 7c; ¼ lb., 15c; lb., 50c.

LONG ORANGE IMPROVED.

Very desirable for garden or field culture.

Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

LARGE WHITE BELGIAN.

Roots very large and smooth; grown exclusively for stockfeeding.

Pkt., 5c; oz., 7c; ¼ lb., 20c; lb., 50c; 5 lbs., \$2.00.

CAULIFLOWERS.



EARLY SNOWBALL.

Extensively advertised, this has deservedly attained great popularity, and is now extensively planted. Under favorable conditions nearly every plant will make a fine, solid head, of good size. It is of dwarf habit, valuable both for the early and late crops.

Pkt., 10c; oz., \$2.00.

EARLY ERFURT.

The Erfurt strains of cauliflower are deservedly the most popular. This is good, but, of course, not equal to the higher-priced strain.

Pkt., 5c; oz., \$1.00.

EARLY FAVORITE.

We think this variety is the best early large growing kind. The plants grow about the same size as Early Erfurt, form a large head, which is solid, crisp, tender, and of the very best quality, and keeps in condition for use a long time.

Pkt., 5c; oz., \$1.00; ¼ lb., \$2.50; lb., \$9.00.



EXTRA EARLY DWARF ERFURT.

Remarkable for reliability in heading. Very dwarf, with solid, pure white heads of superior quality. If planted the first of March, heads nine to 12 inches in diameter will be ready early in June.

Pkt., 10c; oz., \$2.00.

EXTRA EARLY PARIS.

Very early; good for forcing.

Pkt., 5c; oz., 75c; ¼ lb., \$2.00; lb., \$7.50.

LE NORMAND'S SHORT STEM.

This produces a very close and uniform curl, well protected by leaves; hardy.

Pkt., 5c; oz., 75c; ¼ lb., \$2.00; lb., \$7.50.

VEITCH'S AUTUMN GIANT.

The heads are white, large, compact, and thoroughly protected by foliage.

Pkt., 5c; oz., 65c; ¼ lb., \$1.75; lb., \$6.50.

ALGIERS.

This sort is of vigorous growth, with long leaves, which taper to a point at the ends; its color is of a decidedly bluish cast. It is a very sure-heading sort, producing large, white heads.

Pkt., 5c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50; lb., \$9.00.

CELERY.

BOSTON MARKET.

For many years one of the most popular sorts in the markets. Instead of a single large heart, it forms a number of smaller ones, which are remarkably tender and crisp. The best variety for light soils.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

CRAWFORD'S HALF DWARF.

When blanched it is of rather yellowish-white color, and is quite solid. It possesses the nutty flavor peculiar to the dwarf kinds, while it has much more vigor of growth, surpassing most of the large growing sorts in weight of bunch.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

DWARF GOLDEN HEART.

The most popular variety of all, and the leading sort for home and market use. One of the best keepers.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

DWARF WHITE SOLID OR KALAMAZOO.

Said to keep in good condition later in the season than any other variety.

Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

EVAN'S TRIUMPH This variety is of **SUPERB QUALITY** and will keep longer than any other kind. It is not only a splendid keeper, but the very **LARGE, SOLID STALKS** are of the **FINEST TEXTURE** and **QUALITY**. Crisp, brittle, tender and really nut-like in flavor.

Pkt., 10c; oz., 30c; 1-4 lb., \$1 00.

GIANT PASCAL.

The largest variety grown; of fine, nutty flavor, and very easily blanched; deservedly popular for fall and winter use.

Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.60.



GOLDEN YELLOW, LARGE SOLID.

**GOLDEN YELLOW, LARGE SOLID, OR
GOLDEN SELF BLANCHING.**

This is no doubt the best Celery for early market uses. Plants of a yellowish-green color when young, but as they mature the inner stems and leaves turn a beautiful golden yellow, which adds much to their attractiveness and makes the work of blanching much easier.

Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

INCOMPARABLE DWARF CRIMSON.

A beautiful dwarf crimson variety of very fine flavor; red varieties are always good keepers and of superior flavor.

Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

PERFECTION HEARTWELL.

A strong grower and excellent keeper.

Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 60c; lb., \$2.00.

PINK PLUME (NEW.)

A variety very similar in general character to White Plume, but in which the inner leaves and stalks are tinged with pink, making it a wonderfully attractive beautiful sort. It is also superior in quality to the White Plume and Earlier.

Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.75.

WHITE PLUME.

A handsome, crisp sort, of very easy cultivation. Naturally its stalks and portions of its inner leaves and heart are white, so that by closing the stalks, either by tying or by simply drawing the soil up against the plant and pressing it together, the work of blanching is completed without the troublesome process of "banking" or "earthing up." It is the earliest Celery known.

Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.



WHITE PLUME.

CHERVIL.

Curled.

This plant is used for flavoring soups and salads, and has a strong flavor and perfume.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

CELERIAC.

(Turnip-Rooted Celery.)

Produces turnip-rooted roots, which may be cooked and sliced and used with vinegar, making a most excellent salad.

LARGE, SMOOTH PRAGUE.

An improved form of turnip-rooted Celery; round, smooth roots, with very few side roots. This is the largest variety and one of the very best.

Pkt., 5c; oz., 15c.

CHICORY.

The fact that the United States imported 14,650,000 pounds of chicory during seven months of the present fiscal year, should attract attention. The soil and climate of the Pacific Northwest are adapted to this crop in an eminent degree, and Eastern manufacturers are looking this way for a location. A factory in Nebraska takes the product of 1,200 acres and pays farmers \$7.50 per ton for the roots.



CHICORY.

LARGE ROOTED.

The dried roots are roasted and mixed with coffee, or used as a substitute.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c.

COLLARDS.

TRUE GEORGIA.

Used as "greens" mainly in the South and West. As the leaves are pulled off, others grow in their places.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

SWEET OR SUGAR CORN.

We prepay postage on packets and single pounds. On larger quantities, the buyer pays express or freight.



BLACK MEXICAN.

BLACK MEXICAN.

One of the sweetest and most desirable for family use. When dry the kernels are black. The corn, when in condition for the table, cooks remarkably white, and is not excelled in tenderness by any other sort.

Pkt., 10c; lb., 20c; 10 lbs., 80c.



CROSBY'S EARLY.

CROSBY'S EARLY.

Early and a great favorite. Rather small ears, but productive and of excellent quality.

Pkt., 10c; lb., 20c; 10 lbs., 80c; 25 lbs., \$1.75.



OLD COLONY.

OLD COLONY.

Originated near Plymouth, Mass., about 60 years ago. The grain is very deep and the sweetest and best of the late varieties.

Pkt., 10c; lb., 20c; 10 lbs., 70c.



COUNTRY GENTLEMAN.

COUNTRY GENTLEMAN.

The sweetest and most tender of all Sweet Corns. This is not only true, but in addition to this, the Country Gentleman is one of the most productive sorts, the stalk averaging three ears, sometimes as many as five. Kernels and cobs are pure white; cob small, kernels deep; ears average 12 inches in length. Pkt., 10c; lb., 20c; 10 lbs., 80c.



EARLY MINNESOTA.

EARLY MINNESOTA.

This old and deservedly popular variety is one of the best early sorts for the market and the private garden. Stalks short and not suckering, bearing one or two ears; well covered with husks; ears long, eight rowed; kernels very broad, sweet and tender, not shrinking much in drying. By careful selection we have developed a stock of this standard variety which is remarkably uniform, and in which all the good qualities that have made it so popular are intensified.

Pkt., 10c; lb., 20c; postpaid. 10 lbs., 80c; 50 lbs., \$3.50.

EARLY FORDHOOK (New)

... IS THE ...

Largest Eared Extra Early Corn

Ears averaging in length 7 inches. The grains and cob are pure white. The ears are eight-rowed, with small cobs and deep grains.

Competent judges pronounce it equal to the Crosby in flavor, while it is five to six days earlier. It remains fit for table use longer than any other early corn known. The stalks grow about 5 feet high, and average about two ears each.

Pkt., 10c; lb., 25c; 10 lbs., \$1.25.



EARLY WHITE CORY.

EARLY WHITE CORY.

For a strictly first early for market and home use, you can't be far wrong with Early White Cory. We offer Northern-grown, extra-early matured seed

Pkt., 10c; lb., 20c; 10 lbs., 80c.

Mammoth White Cory.

As Early as the Earliest.

No Extra Early Sweet Corn will Compare with it in size.

The ears are 12-rowed, fully twice the size of the old Cory, white cobbled, and covered with very large white grains of good quality. No other Sweet Corn will find ready sale in a market which is supplied with Mammoth White Cory, and the gardener who wishes to get the cream of the trade should make his plantings of this splendid novelty.

Pkt., 10c; lb., 30c; 10 lbs., \$1.50.

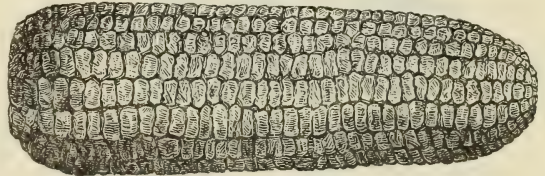


MOORE'S EARLY CONCORD.

MOORE'S EARLY CONCORD.

Ears large and well filled.

Pkt., 10c; lb., 20c; 10 lbs., 80c.



STOWELL'S EVERGREEN.

STOWELL'S EVERGREEN.

Recognized everywhere as a standard variety, both for home use and market, and is the general favorite. The ears are of a large size, grains deep, exceptionally tender and sugary, and has the advantage of remaining longer in the green state than any other

Pkt., 10c; lb., 20c; 50 lbs., \$3.00.

Stowell's Evergreen.

Extra Selected, pkt., 15c; lb., 25c;
10 lbs., \$1.00.

POP CORN.

WHITE RICE.

The best for popping, also for the general market, as it always commands a higher price than any other.

Pkt., 10c; lb., 20c.

WHITE PEARL.

A first-class variety, very productive.

Pkt., 10c; lb., 20c.

FIELD CORN.**NEW CONNECTICUT GIANT (FLINT).**

As its name indicates, this is an improved strain of an old and well-known variety. It is one of the best of the "Flint" family.

Pkt., 10c; lb., 20c; 50 lbs., \$2.75.

LONGFELLOW (FLINT).

This is an 8-rowed yellow flint. The ears are from 10 to 15 inches long; $1\frac{1}{2}$ and $1\frac{1}{4}$ inches in diameter, and well filled out to extreme end of the cob. The cob is small. Kernels large and broad.

Pkt., 10c; lb., 20c; 50 lbs., \$2.75.

MINNESOTA KING (DENT).

Smallest cob and longest grain. The ears are uniformly well filled out, and it will make more shelled corn to a given bulk of ears than any other variety. It is a beautiful golden yellow, and a good yielder.

Pkt., 10c; lb., 20c; 50 lbs., \$2.50.

LEGAL TENDER.

A large golden yellow "Dent" variety. A strong grower and a good yielder.

Pkt., 10c; lb., 20c; 50 lbs., \$2.50.

CHAMPION WHITE PEARL.

The stalk is short and thick. The ears grow low on the stalk, from 7 to 12 inches in length, almost parallel throughout; of medium size, averaging 16 rows of grain. The grains are pure white, very deep, compact and heavy. The cob is small. By a test, 70 ears weighed 87½ pounds, of which the cobs alone weighed only 7 pounds. It makes a superior quality of cornmeal and grades No. 1 white in any market. It matures early. We recommend it highly.

Pkt., 10c; lb., 20c; 50 lbs., \$3.00.

SALADS.**CORN SALAD.**

A small, hardy salad; used also as a substitute for lettuce. Can be sown in September and wintered over, same as Spinach.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

CRESS.**EXTRA CURLED OR PEPPER GRASS.**

A small plant, having a fine pungent flavor, and used as a salad; may be cut two or three times.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

"The manure produced in the course of husbandry is not sufficient to maintain permanently the fertility of a farm; it lacks the constituents which are annually withdrawn in the shape of grain, hay, milk and live-stock."

CURLED

TRUE WATER CRESS.

Grows along the banks of ponds and streams, and is easily introduced; wholly unlike Extra Curled; leaves are quite large and thick; a fine salad, sold in immense quantities in large markets in the spring.

Pkt., 5c; oz., 40c.

CUCUMBERS.**ALBINO.**

The best white-skinned sort.

Fruit large, clear white, very crisp, tender and of excellent flavor. Splendid for the home garden.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

BOSTON PICKLING OR GREEN PROLIFIC.

A distinct variety; very popular for pickles. Fruit short, very smooth and symmetrical, but pointed at each end; bright green and a great producer.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

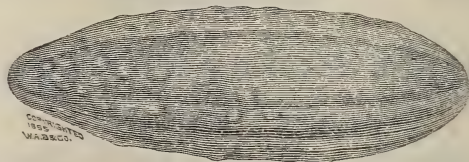


CHICAGO OR WESTERFIELD PICKLING.

CHICAGO OR WESTERFIELD PICKLING.

Very popular with market gardeners, and extensively grown. Fruit medium length, pointed at each end, with very large and prominent spines; color, deep green.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.



COOL AND CRISP.

COOL AND CRISP.

The vines are vigorous and fruit long and cylindrical, dark green, with quite a number of white spines. The flesh is peculiarly crisp and tender. One of the very best for table use.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

EXTRA EARLY RUSSIAN.

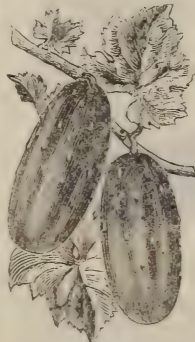
Earliest variety known; hardy and productive; fruit very small and quality fine.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

EARLY CLUSTER.

Fruit small and borne in pairs; light green and a great bearer.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 50c.



EARLY CLUSTER.

"The fertility of the soil remains unchanged, if all the ingredients withdrawn by the crops are given back to the land. Such a restitution is effected by manure."



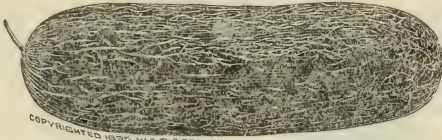
EARLY WHITE SPINE.

EARLY FRAME OR SHORT GREEN.

A vigorous grower and great producer; fruit medium in size, very early and good for pickling or slicing. Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 50c.

EARLY WHITE SPINE.

One of the best sorts for table use; fruiting early and abundantly; fruit uniformly straight and handsome; me light green with a few white spines. Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.



JAPANESE CLIMBING CUCUMBER.

JAPANESE CLIMBING.

The vines are of a healthy, vigorous growth, with a rich, dark-green foliage, and throw strong, grasping tendrils which enable it to climb trellis, wire netting, brush, or any other suitable support. It bears abundantly throughout the season, while the climbing habit enables the fruit to grow perfectly straight, from 12 to 16 inches in length. The cucumbers are thick, tender, and of delicate flavor. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

JERSEY PICKLING.

Intermediate between the Long and Short Green, forming a long, slender, cylindrical pickle, which is very crisp and tender. Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.



LONG GREEN CUCUMBER.

IMPROVED LONG GREEN.

Produced by selection from the Long Green. Vines vigorous and productive, forming fruit fit for the table nearly as early as the shorter sorts; fruit about 12 inches long, firm and crisp. The young fruit makes one of the best pickles, and when ripe is the best of any for sweet pickles. Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

GHERKIN FOR PICKLING.

A very small, oval, prickly variety, quite distinct from all others. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

ENDIVE.

This is one of the most refreshing of all winter and autumn salads. When full grown tie all the outside leaves close over the heart to blanch the inner leaves, which will take about a week. Never tie it up when leaves are wet, for they are apt to decay.

EVER WHITE CURLED.

By far the most beautiful variety. Plant moderately dense, with divided leaves, which are coarser and less tender than those of the green curled; but even the outer leaves are very light colored, frequently white, so that the plant is very attractive and always brings the highest price on the market. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

GREEN CURLED.

Is the hardiest variety; very ornamental, dark green leaves, which blanch to a beautiful white; very tender and crisp. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



MOSS CURLED ENDIVE.

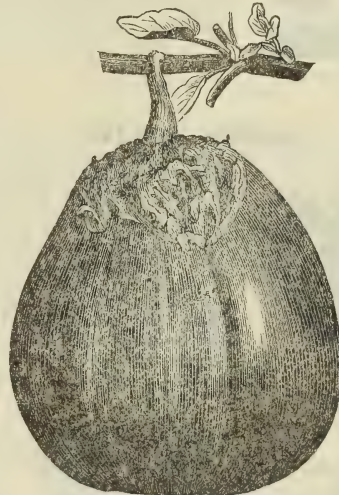
NEW MOSS CURLED.

(See cut.) Forms large heads of the most tender quality. Leaves finely curled. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

BROAD LEAVED BATAVIAN.

Heads are large, leaves broad and thick, and used for flavoring soups. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EGG PLANT.



IMPROVED LARGE PURPLE.

IMPROVED LARGE PURPLE (SPINELESS).

The best variety for cultivation, being early, a sure cropper, and of fine quality. Plants large, vigorous, with light green leaves; fruit very large, oval, deep purple, with occasional dash of green about the stem; flesh white, tender, and of superior quality. Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

EARLY LONG PURPLE.

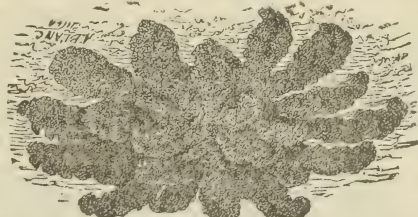
Fruit from six to eight inches long. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c.

BLACK PEKIN.

Very handsome; fruit large, round, jet black, and very glossy. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., \$1.00.

KALE.

Borecole, Kale, or German Greens, are general terms applied to those classes of cabbage which do not form heads, but are used in their open growth. Some of the varieties are the most tender and delicate of any of the cabbage tribe.



DWARF CURLED KALE.

HALF DWARF MOSS CURLED.

An intermediate form, which seems to possess all the merits of both the tall and dwarf sorts. It forms a medium-sized head of nicely curled leaves, which are kept well off the ground, but at the same time so compact as not to suffer from frost.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

TALL GREEN CURLED SCOTCH.

TALL GREEN.

Grows about two feet high; leaves dark green, curled and wrinkled; very hardy, and is improved by a light frost.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

DWARF GREEN CURLED SCOTCH.

Rarely exceeding 18 inches in height, but spreading out under good cultivation to three feet in diameter; leaves beautifully curled and bright green.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

KOHL RABI.

KOHL RABI.

The Kohl Rabi is a vegetable intermediate between the cabbage and turnip, and combines the flavor of both. The edible part is a turnip-shaped bulb formed by the swelling of the stem. When used for the table this should be cut when quite small, as it is then very tender and delicate, but if allowed to reach its full size it becomes tough and stringy.

EARLY WHITE VIENNA.

Very early, small, handsome, white bulb. Best early variety for the table.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

EARLY PURPLE VIENNA.

Nearly identical with the last, except in color, which is a bright purple, with the leaf stems tinged with purple.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

LARGE GREEN.

Hardy, quite late, and used for feeding stock. Bulbs large, weighing eight to 10 pounds, whitish-green in color; leaves large and numerous.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

LEEK.

Belongs to the onion family, and by some preferred to the onion. Sow the seed and care for the young plants the same as for onions.

LONDON FLAG.

Is the variety more cultivated in this country than any other. It is hardy and of good quality.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

LARGE AMERICAN FLAG.

A variety which has become very popular with some market gardeners on account of its being larger than the London Flag.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

LARGE ROUEN.

Distinctly shorter, much broader leaves, which are so covered with gray bloom as to seem much lighter colored than the preceding; very hardy and strong growing, forming a short but very large stem of fine quality.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

LETTUCE.**BLACK SEEDED SIMPSON.**

Forms large, loose heads of thin, exceedingly tender golden yellow leaves; the best curled variety, either for forcing or sowing out of doors, though on account of its large size it is, under some circumstances, not so profitable for forcing. It stands the summer heat splendidly.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

BROWN DUTCH.

An old sort, noted for its hardness. Leaves large, thick, green, tinged with brown. It always forms a large, solid head, which is somewhat coarse looking, but the inner leaves are beautifully blanched, exceedingly sweet, tender and well flavored. Desirable because of its hardness and fine quality.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

BUTTERCUP.

Plants medium size with numerous round, smooth leaves, which are of a beautiful yellow color, and very sweet and tender. They form medium-sized fairly solid heads, which, when prepared for the table, are exceedingly attractive in appearance.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EARLY CURLED SIMPSON.

EARLY CURLED SIMPSON.

Forms a close, compact mass of curly leaves of a yellowish green.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



PRIZE HEAD.

FERRY'S EARLY PRIZE HEAD.

This old standard sort still stands at the head of the large, thin-leaved, clustering sorts. The very large leaves are savoyed or crimped, bright green, tinged with red, and are exceedingly tender, crisp and sweet, forming a large, loose head. This variety is one of the very best for the garden, but is not a good sort to ship long distances.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

PHILADELPHIA BUTTER, OR EARLY WHITE HEAD.

Many prefer a thick-leaved, smooth lettuce, and to meet this demand we present this sort. Plant dark green, with many nearly round, thick leaves, formed into a very solid round head, which stands a long time without running to seed. Leaves very thick, folded or puckered at the base, the inner ones blanched to a rich yellow color and exceedingly rich and nutty in flavor.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EARLY CURLED SILESIA.

An early, erect-growing, loose-heading variety, which may be used very young, when it is exceedingly sweet and well flavored. Color, light green, leaves much frilled and savoyed.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

GRAND RAPIDS FORCING.

The best sort for shipping. This grand new forcing variety stands more neglect in the way of watering and ventilation, will grow more weight on the same ground, and will stand longer after matured, than the Black Seeded Simpson. It is of handsome appearance, a strong grower, and not apt to rot, and will keep from wilting longer while exposed for sale than any other sort. Its upright habit admits of very close planting, and it matures two weeks earlier than Tennis Ball, or Boston Curled.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.



HANSON.

HANSON.

(Improved Hard-Heading Stock.) We can recommend this as one of the very best. Heads green outside and white within; grows to a remarkable size, very solid, and is deliciously sweet, crisp and tender. It withstands the hot sun.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EARLY WHITE SELF-FOLDING COS.



WHITE COS.

An old standard variety. The outer coloring of this variety is yellowish green.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.

LARGE DRUMHEAD, OR VICTORIA CABBAGE.

Plant large, forming a fine head of excellent quality, bright green without and light green or white within.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

EARLY TENNIS BALL, BLACK SEEDED.

A favorite forcing variety, forming a hard head. It makes but few outer leaves, and for this reason can be planted quite closely under glass.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

TILTON'S WHITE STAR.

A new sort, of great merit; larger than Black Seeded Simpson, with thicker and darker-colored leaves; good either for forcing or open-ground culture.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

MARTYNIA.

A strong-growing, hardy, annual plant, with curiously-shaped seed pods, which, when young and tender, are highly prized for pickling. The pods are produced in great abundance and should be gathered when less than half grown, as, after the hardening of the flesh, they are worthless.

Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.00.

MUSKMELONS.



BALTIMORE.

BALTIMORE OR ACME.

Flesh green; very fine flavor and sweet.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

BAY VIEW.

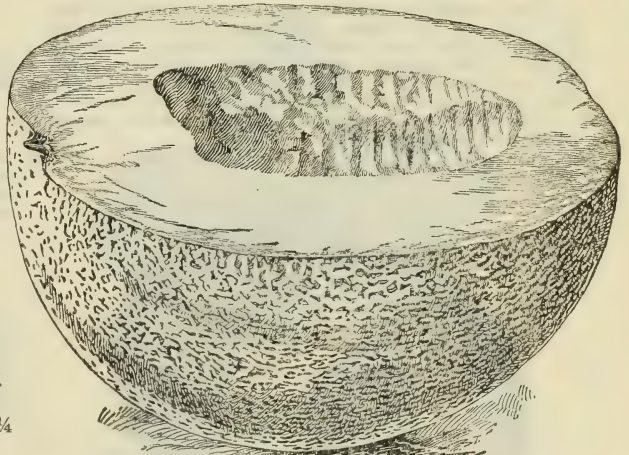
Fruit long and of the largest size, frequently weighing from 15 to 17 pounds, deeply ribbed, and covered with coarse netting; flesh green, thick, and of fine flavor. By far the best of the large melons, and so hardy as to be the best sort for inexperienced cultivators.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

CASABA, OR GREEN PERSIAN.

Attains a large size; fruit long and oval; flesh green; fine quality. This melon always commands the highest price in the market.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.



COSMOPOLITAN.

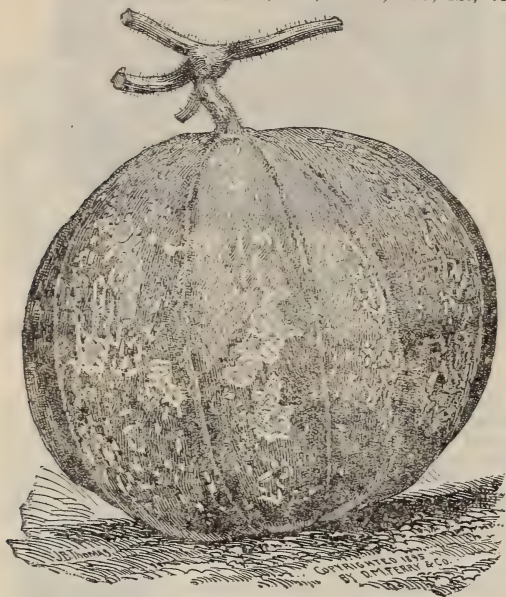
COSMOPOLITAN. The most beautiful of all the GREEN FLESHED MELONS. Fruit slightly oval, nearly round, without ribs. Color light green, but becoming covered at maturity with dense silver gray netting. Has a very distinct and handsome green flesh, combining the firm, sweet flesh of the French Canteloupe and the delicious flavor of the American Muskmelon, it is truly cosmopolitan in its character. It will please all lovers of Muskmelons.

Pkt. 5c; oz. 10c; 1-4 lb. 25c; 1 lb. 75c.

EARLY NETTED GEM.

This has become one of the most popular of small or basket melons. The fruit is oval, slightly ribbed, densely covered with coarse netting. Flesh thick, green; very sweet and highly flavored. For market use none excel it. Its quality and convenient size make it especially desirable for restaurant and hotel use.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.



EMERALD GEM.

EMERALD GEM.

Fruit small to medium size, globular or slightly flattened at the ends, only slightly netted and ribbed. Skin deep green while young, becoming tinged with yellow as the fruit matures; flesh deep salmon yellow, thick, ripening close to the rind, and exceedingly high flavored. This variety has steadily grown in popular favor and in many large markets leads all other kinds.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 75c.



HACKENSACK.

HACKENSACK EXTRA EARLY IMPROVED.

A selection from, and an improvement on the old Hackensack, and similar in shape and appearance; nearly as large and fully 10 days earlier. One of the finest for market gardeners; quality perfect.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

LARGE GREEN NUTMEG.

Vines vigorous, hardy and productive, fruit very large, round, slightly flattened at both ends, ribbed, covered with coarse netting; flesh very thick, and of the highest flavor.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

**JENNY LIND.**

An extra early, small green-fleshed melon, of very fine flavor; round and flattened at the ends.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

JENNY LIND.

LONG ISLAND BEAUTY.—(Burpees.)

In a general way this is very much like the Extra Early Hackensack and is about as early. The lobes are wider and the netting heavier, while the bright-green flesh is thicker and sweeter, having that spicy and delicious flavor that is the especial peculiarity of the green-fleshed melon.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.



MONTREAL MARKET.

MONTREAL MARKET.

Grows to a large size and is a favorite with market gardeners.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

OSAGE, OR MILLER'S CREAM.

A widely-known and valuable variety; round or egg shaped; color dark green and finely netted; flesh salmon pink, thick and very sweet and juicy in flavor.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

PINEAPPLE.

Vines very productive and hardy; fruit oval, medium size, slightly ribbed and dark green at first, but becoming covered with shallow green netting as they mature. Flesh green, thick, delicate, exceedingly sweet and high flavored.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

SMALL GREEN NUTMEG.

Fruit of medium size, slightly ribbed, globular; skin dark green, becoming yellow when over-ripe, and nearly covered with broad, shallow netting. Flesh thick, a little coarse, but of fine flavor. This variety is in universal demand for both home and market use. It is the size best suited to hotel and restaurant use.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

SURPRISE.

Round in shape, resembling the Nutmeg; skin thin, cream colored, and heavily netted; flesh deep salmon color, thick and very fine flavored. It is very prolific, and one of the best for home and market garden.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

CITRON.

Grows uniformly round and smooth, striped and marbled with light green. Flesh white and solid. Seeds red. It should be borne in mind this variety is not used for eating in the raw state, but for preserves, pickles, etc.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

WE INVITE comparisons with other Catalogs. Our Stock is varied and complete and our Prices are right. Correspondence solicited.

WATERMELONS.

CUBAN QUEEN.

A very fine variety, growing to a great size; flesh bright red, solid and sweet. The skin is beautifully striped dark and light green. Melons are wonderfully solid, rind thin. They are enormously productive and ripen early.

Pkt., 5c; oz., 7c; ¼ lb., 15c; lb., 50c.

DIXIE.

This Watermelon is a cross between Kolb's Gem and Mountain Sweet; rind darker than Kolb's Gem, and more beautifully striped and much longer in shape.

Pkt., 5c; oz., 7c; ¼ lb., 15c; lb., 50c.

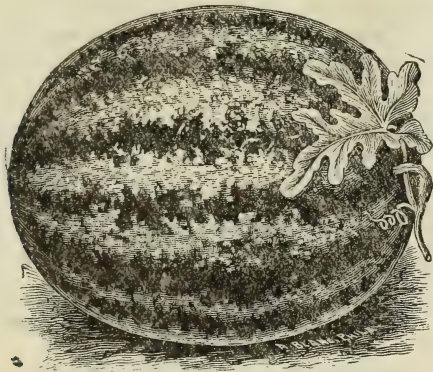
KOLB'S GEM.

As a shipping melon has hardly an equal. The fruit is nearly round; rind dark. Weight, 25 to 50 lbs.

Pkt., 5c; oz., 7c; ¼ lb., 20c; lb., 50c.

ORANGE.

The distinctive feature of this melon is that the flesh may be readily removed from the rind like an orange; fruit oval in shape; rind green and quality good. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

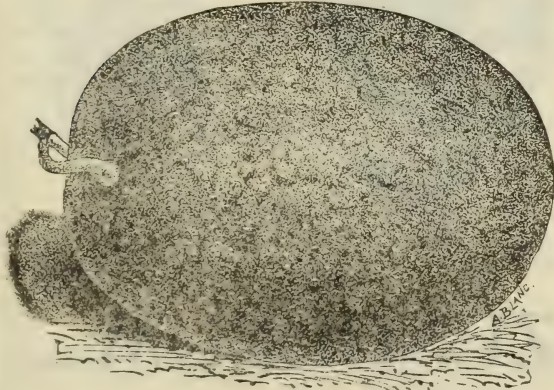


PEERLESS, OR ICE CREAM.

PEERLESS.

A grand favorite and standard variety. Superior in every respect. Has beautiful crimson core, which is always fine grained and cannot be surpassed in flavor. Very prolific, magnificent grower. Is one of the best for market and home purposes.

Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.



SWEET HEART.

SWEET HEART.

This variety has no equal as a melon to ship to distant markets, and is so attractive in appearance that it is readily sold when all others are a drug. It is very large, a little longer than thick, but nearly globular in shape. Skin very bright; beautifully mottled green. Flesh bright red, firm and heavy, but crisp, melting and sweet. It is not only a good keeper, but improves in quality for a long time after ripening. Seeds dark gray.

Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

Standard varieties which are furnished at the uniform price of pkt., 5c; oz., 7c; ¼ lb., 25c; lb., 45c:

GYPSY, OR GEORGIA RATTLESNAKE.

LONG LIGHT ICING.

ROUND LIGHT ICING.

PHINNEY'S EARLY.

MOUNTAIN SWEET.

DARK ICING.

MUSHROOMS.



MUSHROOMS.

With intelligent care and good spawn, Mushrooms may be made to pay handsomely. They can be successfully grown in a dry cellar, under the benches of a greenhouse, or in sheds, where the temperature can be kept from 50 to 60 degrees through the winter.

FRENCH.

Three-pound box, \$1.75, postpaid.

ENGLISH.

In bricks, per lb., 30c, postpaid.

OKRA.

White Velvet, Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

ONIONS.

GOOD ONION SEED is of the greatest importance. So strongly do onion growers realize this that many will shorten their acreage unless they can secure their favorite strain of seed.



EXTRA EARLY RED.

EXTRA EARLY RED.

A medium size, flat variety, an abundant producer; very desirable for early market use.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

GIANT ROCCA.

An immense onion. Globular in form; skin light brown; flesh mild and tender. It will produce a large onion from seed the first season, but to obtain the largest growth, very small bulbs or sets should be set out the second spring, when they will continue increasing in size instead of producing seed, as in the case with American onions.

Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.50.

LARGE RED WETHERSFIELD.

This is the standard red variety. Very productive, good keeper, and one of the most popular for general cultivation.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

LARGE YELLOW DUTCH, OR STRASBURG.

One of the oldest sorts. Flat, flesh white, fine grained, mild, and well flavored. The best for sets.

Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

MAMMOTH SILVER KING.

This mammoth variety is one of the largest in cultivation, averaging from 15 to 22 inches in circumference, and often weighing 2½ to 4 lbs. each. It matures early and is of uniformly large size and fine shape, being flattened but thick. The skin is of a beautiful silver-white, flesh snowy and tender, of mild, sweet flavor. We know of no variety of this vegetable which has attracted so much attention as this. Its striking size and handsome appearance, as well as mild flavor, recommend it for exhibition at fairs, for the fancy market, as well as the table.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

Our **YELLOW DANVERS** Onion Seed is all home grown from fine, well-selected bulbs, and is not to be compared with seeds on the market grown by careless and inexperienced growers.



OREGON YELLOW DANVERS.

OREGON YELLOW DANVERS.

Experience has proven that this is the best Onion for general planting in the Northwest. Onion growers will have no other kind. In addition to our trade in the Northwest, we ship large quantities to the Eastern markets. The bulbs are uniformly large, with very small necks. It yields immense crops and is the best of keepers. Our stock of this seed is first class.

Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

WHITE GLOBE.

Produces handsome and uniformly globe-shaped bulbs. The flesh is firm, fine-grained, and of mild flavor. Sometimes called Southport White Globe.

Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.



YELLOW GLOBE DANVERS.

YELLOW GLOBE DANVERS.

The best globe-shaped Onion. Strictly first-class seed.

Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.



MAMMOTH YELLOW SPANISH, OR PRIZETAKER.

PRIZETAKER, THE GENUINE.

The handsomest, largest yellow globe Onion. A new variety introduced but a few years ago which has proved to be an excellent keeper, of finest flavor, handsome shape and enormous size, many single onions having been raised to weigh 5 pounds and over, from seed the first year. It is of the same type as those immense imported onions which can be seen in fruit stores, and commands a very high price. The Prizetaker grows always to a perfect globe shape, with a bright straw-colored skin; the necks are very small and the onions always ripen up hard.

Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

WHITE PORTUGAL, OR AMERICAN SILVERSKIN.

A large flat onion of mild flavor; fine for early winter use. It is the best keeper of the white varieties.

Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.



QUEEN.

A silver-skinned variety, very early; maturing medium-sized onions in a very short time; a good keeper; valuable as a pickling onion.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

ZENOLEUM....

**DISINFECTANT
ANTISEPTIC
GERM-DESTROYER**

Beats all for killing lice and vermin in the chicken house. Try it.

PARSLEY.



TRIPLE CURLED PARSLEY.

Very useful for flavoring soups, stews, and for garnishing. The green leaves are used for flavoring, or they may be dried crisp, rubbed to a powder, and kept in bottles until needed.

PLAIN.

Leaves plain or flat, and very dark colored. It is often preferred on this account, and because of its hardness.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 60c.

FINE TRIPLE-CURLED, OR MYATT'S GARNISHING.

A fine, free-growing, but not large variety. The plants bear a great number of leaves, which are so abundant and so finely curled that they resemble a bunch of moss.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

TURNIP-ROOTED, OR HAMBURG.

The edible portion is the fleshy root, which resembles a small parsnip, and is highly esteemed for flavoring soups, stews, etc.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

PEPPER.

CAYENNE.

Pods small, cone-shaped, red, intensely acrid.

Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

GOLDEN DAWN.

Bright golden yellow. Very productive. Entirely free from fiery flavor.

Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

LARGE BELL, OR BULL NOSE.

A very large sort, of inverted bell shape, suitable for filling or for a mixed pickle. Flesh thick, hard and less pungent than most other sorts.

Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.

RED CHILI.

Used in the manufacture of pepper sauce. Pods sharply conical, and exceedingly pungent when ripe.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

RUBY KING.

An exceedingly large and handsome Pepper, of mild flavor; the fruits are of a bright ruby red, from $\frac{1}{2}$ to 8 inches long to 9 to 12 inches in circumference. It can be sliced for salad, or eaten with salt and vinegar, like tomatoes and cucumbers.

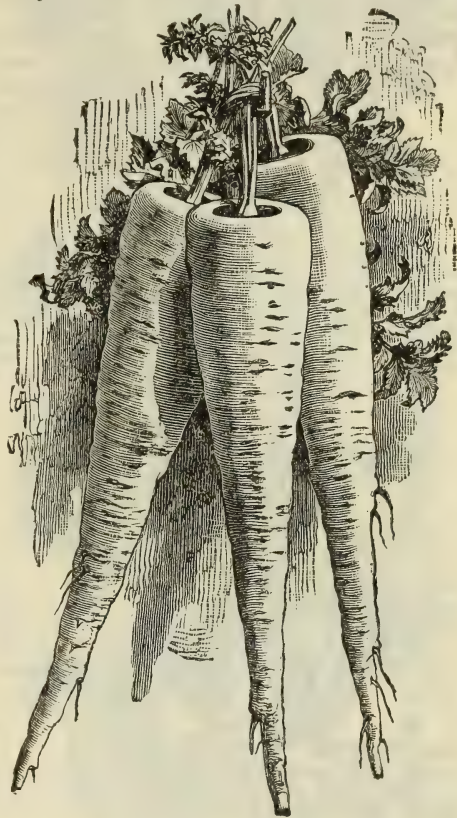
Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c.



RUBY KING.

PARSNIP.

The value of the Parsnip as a culinary vegetable is well known, but is not generally appreciated at its value for stock feeding. On favorable soil it yields an immense crop of roots, which are more nutritious than carrots or turnips, and particularly valuable for dairy stock.



HOLLOW CROWN.

HOLLOW CROWN, OR GUERNSEY.

Roots comparatively short, with a very smooth, clean skin. The variety is very easily distinguished by the leaves arising from a depression on the top or crown of the roots.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 50c.

LONG WHITE DUTCH, OR SUGAR.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 50c.

PEAS.

EXTRA EARLY VARIETIES.

We pay postage on packets and single pounds at prices listed. On larger quantities, the buyer pays express or freight.

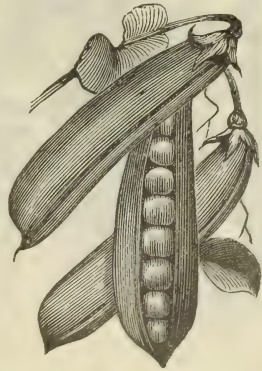
EXONIAN.

A fine, new, early wrinkled sort, very productive, growing about $2\frac{1}{2}$ feet high. Give it a trial; we know it will please you.

Pkt., 10c; lb., 25c; 50 lbs., \$5.00.

POTASH IN AGRICULTURE.

We carry a large stock of Muriate of Potash, Sulphate of Potash, and Kainet, and will sell at importer's prices. Correspondence solicited.



EXONIAN.



ALASKA.

**EARLIEST
OF
ALL,
OR
ALASKA.**

Matures all the crop at once and is invaluable to MARKET GARDENERS AND CANNERS.

A smooth blue Pea, which in evenness of growth of vine and early maturity of the pods is unequalled by any other extra early pea. Vines 2 to 2½ feet high, unbranched, bearing 4 to 7 long pods, which are filled with medium-sized, bright-green peas of excellent flavor. Ripe peas, small, bluish green. Pkt., 10c; lb., 20c; 50 lbs., \$3.25.



NOTT'S EXCELSIOR.

AMERICAN WONDER.

The earliest and best of the wrinkled sorts. A great favorite for family use.

Has stout, branching vines about 9 inches high, and covered with well-filled pods, containing 7 or 8 large, exceedingly sweet, tender and well-flavored peas. Dry pea, medium size, much wrinkled and flattened, pale green. We have taken great pains in growing our stock and know it to be pure and true. Pkt., 10c; lb., 20c; 50 lbs., \$4.00.

FIRST AND BEST.

Vines vigorous and hardy; 2 to 2½ feet high. Matures uniformly. Market gardeners will make no mistake in using this pea largely.

Pkt., 10c; lb., 20c; 50 lbs., \$3.25.

MCLEAN'S LITTLE GEM.

Very early, dwarf variety, growing about 15 to 18 inches high; extra sweet, sugary, and of the most delicious flavor.

Pkt., 10c; lb., 20c; 50 lbs., \$3.50.

NOTT'S EXCELSIOR.

The BEST Dwarf Pea in cultivation. Height, 15 inches. As hardy as the earliest market sorts, but in quality equal to the Little Gem. It out-yields that variety 20 to 30 per cent. The pods are one-third longer, and each pod contains from 6 to 8 large peas, which are unusually fine flavored and tender. Pkt., 10c; lb., 25c; 50 lbs., \$4.00.

PREMIUM GEM.

This grows a little larger than American Wonder, almost as early. Our stock is first class.

Pkt., 10c; lb., 20c; 50 lbs., \$3.50.

SECOND EARLY PEAS.

BLISS EVERBEARING.

A variety maturing soon after the Gem, and continuing a long time in bearing. Vine stout, about 18 inches high, bearing at the top 6 to 10 broad pods. If these are removed as they mature and the season and soil are favorable, the plant will throw out from the axil of each leaf branches bearing pods which will mature in succession, thus prolonging the season. The large, wrinkled peas cook very quickly and are tender and of superior flavor. Pkt., 10c; lb., 20c; 50 lbs., \$4.25.

HORSFORD'S MARKET GARDEN.

The vine of this variety is of medium height, giving the greatest number of pods of any of our list. Pods contain five to seven medium-sized, dark-green peas, which retain their color and sweetness well after canning. Dry peas, wrinkled and sweet. A very desirable variety for canners' use.

Pkt., 10c; lb., 20c; 50 lbs., \$3.50.

MCLEAN'S ADVANCER.

A green wrinkled variety, about 2½ feet high, with broad, long pods which are abundantly produced and well filled to the ends. Considered by some the best of the second early sorts. This Pea is used very extensively by market gardeners on account of its great productiveness, the fine appearance of its pods, and quality of the peas. It is very largely used among canners, as the skin will stand cooking without breaking.

Pkt., 10c; lb., 20c; 50 lbs., \$3.25.

TELEPHONE.

This pea has proved to be a valuable acquisition. Vines large, with large coarse leaves; pods very large, filled with immense peas, which are tender, sweet and of excellent flavor. Notwithstanding the large amount of inferior and spurious stock which has been sold, no pea of recent introduction has gained more rapidly in popularity than this, thus showing that it has sterling merit, which gardeners appreciate. The stock we offer is prolific and has been carefully selected.

Pkt., 10c; lb., 20c; 50 lbs., \$3.50.

LOOK at the cut of our Pomona Spray Pump, read the description, and note that it is on the list of goods on which we are prepaying freight.

LATE PEAS.

CHAMPION OF ENGLAND.

Very rich and fine flavored; very productive. Height four to five feet.

Pkt., 10c; lb., 20c; 50 lbs., \$3.25.

IMPROVED STRATAGEM.

A sort in which the good qualities which gave the old Stratagem its popularity, are so developed as to make it a distinct variety. We do not hesitate to pronounce this by far the best of the large-podded peas; the pods are of immense size, filled with very large, dark-green peas of the finest quality; vine medium height, but very stocky, with very broad, light-green leaves, and bearing an abundance of large, handsome pods. One of the very best varieties for market gardeners.

Pkt., 10c; lb., 20c; 50 lbs., \$3.50.

MELTING SUGAR.

There is a class of peas (little known in this country, but much used abroad) in which the large, sweet, brittle and succulent pods have none of the tough inner lining found in the ordinary varieties of garden peas. They are used in the same way as snap or string beans. The best of these edible podded sorts is the Melting Sugar. The pods are very large, straight and extremely tender, fine flavored, and are borne in great abundance on vines three to four feet high.

Pkt., 10c; lb., 25c; 50 lbs., \$5.00.

SHROPSHIRE HERO.

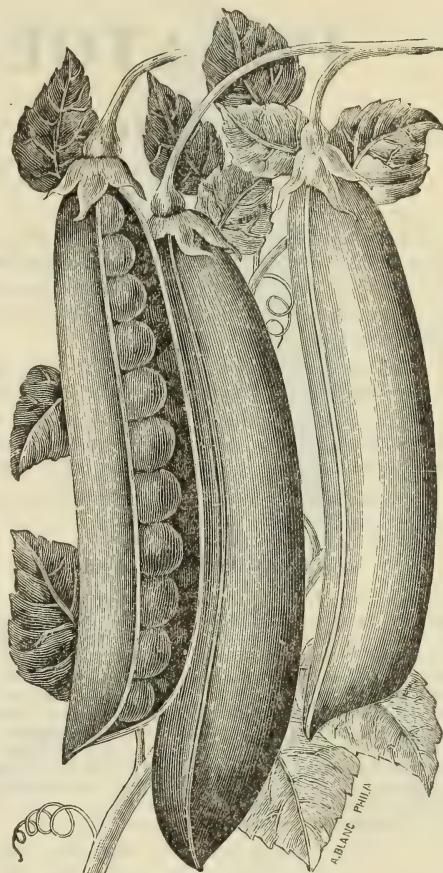
Vines 20 to 30 inches high, wonderfully productive of large pods, which are uniformly well filled with large, fine-colored peas of good quality.

Pkt., 10c; lb., 20c; 50 lbs., \$3.50.

YORKSHIRE HERO.

Vines stout, about 20 inches high, bearing at the top a number of broad pods, filled with large peas that remain a long time in condition for use, and which never become as hard as most sorts. The peas are of fine quality, and will be preferred to any other by those who like a rich, marrow-like pea.

Pkt., 10c; lb., 20c; 50 lbs., \$3.50.



IMPROVED STRATAGEM.

DISTANCE

....NO BAR TO....

BUSINESS

We have an increasing Mail Order Business in Oregon, Washington, Idaho, Montana, California and British Columbia. There is no reason why we should not sell goods all the way to the Atlantic Sea-board, and we will be pleased to mail Catalogs and quote prices, delivered, to.....

ANY STATE IN THE UNION.

POTATOES FOR SEED.

A CHANGE OF SEED ALWAYS PAYS. IT IMPROVES THE QUALITY AND INCREASES THE YIELD.

PRICES—We prepay postage on one pound or three pounds at prices named. Buyer pays express or freight charges on larger quantities. Sixty pounds equal one bushel.

We have not catalogued Seed Potatoes before because we did not care to send out for SEED "any old thing" that might be picked up from commission men, who require nothing more than good table potatoes.

We are NOW READY to offer seed potatoes raised on new ground from choice stock, which we brought from the East for the purpose at a considerable expense.

Our price for this choice stock may seem high, but it is THOROUGHbred. PEDIGREE will tell in Potatoes the same as in horses. We offer you a chance to introduce fresh stock into your garden, and will be pleased to have you try it and report the results.

Varieties are mentioned in order as regards time of maturing; earliest first, next earliest second, and so on.

BURPEE'S EXTRA EARLY

Is from 10 days to two weeks earlier than Early Rose, or Beauty of Hebron, while fully one week earlier than the Early Ohio, and nearly twice as productive. The potatoes are uniformly of good size, free from rough or scabby tubers; oblong in shape, very smooth, eyes set well on the surface, skin creamy white, slightly shaded with pink; the flesh is pure white, remarkably fine-grained, and of the very best table quality. The tubers grow very compactly in the hill, with strong foliage of dark green. It is a sure cropper, immensely productive, and will undoubtedly become the standard extra early potato.

lb., 20c; 3 lbs., 50c; peck, 50c; bu., \$2.00.

BRIGGS' EXTRA EARLY.

Originated in Oregon. Our seed is from the original propagator.

lb., 20c; 3 lbs., 50c; peck, 50c; bu., \$1.50.

THE FREEMAN.

So thoroughly well known and advertised, little need be said. The tubers are oval in shape, russet color, flesh very white, both when raw and when cooked; fine grained and of the best flavor; GENUINE STOCK.

lb., 20c; 3 lbs., 50c; peck, 50c; bu., \$1.50.

NEW QUEEN.

This is, indeed, a new queen for this section. It is very early, almost as early as the Extra Earlies. It is a capital cropper, yielding fine large tubers, so handsome that half of them, without culling, would be good enough to exhibit at any agricultural fair. Under high cultivation there are very few small ones. In quality it is most excellent, the flesh being a pure white and of that sparkling, mealy texture that we all like so well. In shape and color it closely resembles its parent, the Beauty of Hebron.

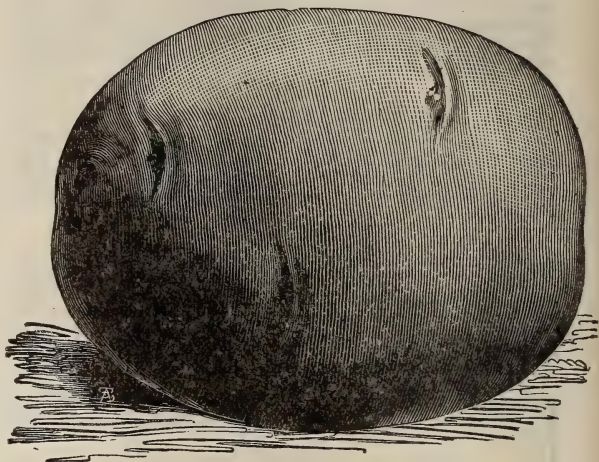
To put the whole matter in a single sentence, the New Queen is a very early potato, a good cropper of large tubers that are remarkably and exceptionally handsome, and of a quality that is unsurpassed. Like the Rose, this has come to stay.

lb., 20c; 3 lbs., 50c; peck, 50c; bu., \$2.00.

RURAL NEW YORKER.

Very large, usually smooth, with few and shallow eyes; form oblong, inclining to round and rather flattened. Skin and flesh white, quality excellent, season intermediate. Tubers of great uniformity in size, almost every one marketable. It is taking a leading place as a standard field cropper.

lb., 20c; 3 lbs., 50c; peck, 40c; bu., \$1.50.



CARMAN NO. 3.

THE CARMANS.

We have two grand seedlings in these pedigreed kinds, raised by Editor Carman. They are ideal potatoes in every way; selected from hundreds of seedlings, bred through several generations, always retaining the best qualities a potato can have, and sent out only after the most careful trials and proof of worth.

CARMAN NO. 1.

Is the first of these splendid novelties, and a grand second early. In shape, perfect, somewhat like the Rural New Yorker, few and shallow eyes, the flesh is unusually white, and its quality and flavor perfect. It is an enormous yielder of large even-sized tubers.

lb., 20c; 3 lbs., 50c; peck, 40c; bu., \$1.50.

CARMAN NO. 3.

This is Mr. Carman's grand success in breeding up a late main crop variety, and it is the coming standard potato everywhere. In it he has succeeded in fixing those desirable points so valuable to every potato grower: 1, Very large and handsome. 2, Remarkably productive. 3, All large tubers and compact in the hill. 4, High table quality, no hollow center or hard core; skin and flesh white, eyes few and shallow. Will keep without trouble till planting time. Try the Carmans.

lb., 20c; 3 lbs., 50c; peck, 50c; bu., \$2.00.

Standard varieties at market prices.

POTATO EYES.

For the convenience of customers at a distance we will send eyes of any variety by mail, postpaid, as follows: 25 eyes, 35c; 50 eyes, 60c; 100 eyes, \$1.00.

PUMPKIN.

LARGE YELLOW.

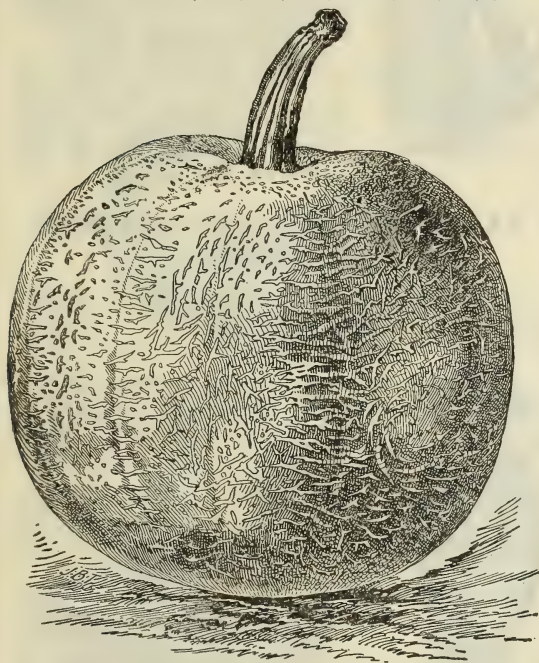
Standard for field culture.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.

MAMMOTH PRIZE PUMPKIN.

The flesh and skin are of a bright golden yellow color. Flesh fine grained and of excellent quality. Notwithstanding its enormous size it is one of the best pie pumpkins ever grown and a splendid keeper. This enormous variety has been grown to weigh 200 pounds.

Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.



NEW PIE PUMPKIN.

NEW PIE.

A smooth, orange-colored sort, covered with gray netting; very select, fine grained and dry. Keeps well, and cannot be beaten for table use.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

SWEET CHEESE, OR KENTUCKY FIELD.

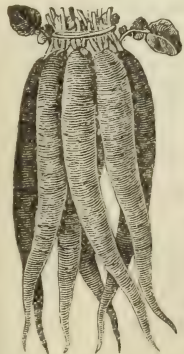
Cheese shaped; in flavor like the Crookneck Squash; yellow fleshed, fine grained, and very productive.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

RADISH.

EARLY SCARLET.

A well-known early turnip-shaped variety, very quick grower. Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 55c.



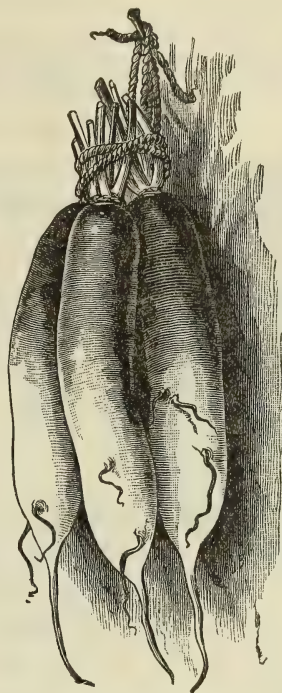
EARLY LONG SCARLET.

EARLY LONG SCARLET, SHORT TOP.

A well-known and very popular variety of excellent quality; standard sort for market and home garden.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 50c.

"Every crop harvested removes part of the plant food contained in the soil. A portion of this waste is returned from the inexhaustible store of the atmosphere, but a large portion is lost forever and must be returned by artificial means." Our No. 1 Fertilizer will restore the land and improve it.



IMPROVED CHARTIER.

IMPROVED CHARTIER.

A very handsome, attractive variety, tender and crisp. Its shape is long, being of a deep crimson at the top and shading off to white at the bottom.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

EARLY ROUND DEEP SCARLET.

Similar in form to the Scarlet Turnip Rooted, but much darker in color. Flesh white, very crisp and tender; top small. Well adapted for growing in frames.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c.

EARLY WHITE TURNIP ROOTED.

A little flatter than the Scarlet Turnip Rooted, and pure white in color. It has a very small top; white, semi-transparent flesh, and is slightly later than the Scarlet Turnip, but will stand more heat and remain longer in condition for use. An inferior strain is often sold under the name of White Boy.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 50c.

LONG BLACK SUMMER.

This variety may be treated like a summer radish with the most satisfactory results, or it may be used as a winter sort. Top comparatively small. Roots rather large, long, tapering to a point; skin deep black; flesh white, firm, crisp, tender and quite pungent. It is a very handsome black radish and is worthy of thorough trial.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

LONG, BRIGHTEST SCARLET.

New and distinct. Color vivid scarlet, tipped with snow white; very juicy, sweet and crisp and a rapid grower. Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

NON PLUS ULTRA, OR EARLY DEEP SCARLET TURNIP, (Forcing).

This has as small a top and is as early as any variety in cultivation, making it one of the best for forcing. Roots fit for use may be had in three weeks or less from time of sowing. Roots small, globular, deep rich red color; flesh white, crisp and tender when young. May be planted very closely, owing to its small tops.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

EARLY SCARLET, OLIVE SHAPED.

In the form of an olive, terminating in a very slim tap root. Skin scarlet; neck small; flesh rose colored, tender and excellent. Early and well adapted for forcing or general crop.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

EARLY WHITE GIANT STUTTGART.

Root large, often four inches in diameter, top shaped. Skin white; flesh white and crisp, and not becoming strong or pithy until very late, so that those not used as a summer radish can be stored for winter use.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.



WHITE TIP.

GRAY SUMMER TURNIP ROOTED.

Round, turnip-shaped, though often irregular in form. The skin of the upper part is mottled with greenish-brown, wrinkled and often marked with transverse white lines. Flesh mild, of greenish-white color, and tolerably solid. Medium early, and a good variety for summer use.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.



FRENCH BREAKFAST.

FRENCH BREAKFAST.

Mild and tender, and one of the best for forcing. Oval in form, scarlet, tipped with white.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

NEW GOLDEN GLOBE.

A perfect globe in shape; skin bright golden yellow; rapid grower and fine quality; good variety for summer.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

WHITE NAPLES.

Skin and flesh pure white; mild and pleasant flavored; for summer and fall.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

WHITE STRASBURG.

This grows to the largest size, and is usable when quite small, thus covering a long season. The mature roots are four to five inches long and about two inches thick; very white; the flesh is exceedingly crisp and tender. One of the best of the large summer sorts.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

WHITE VIENNA, OR LADY FINGER.

Of rapid growth and beautiful shape; skin and flesh snow white, very juicy, firm, crisp and tender; the finest of long, white radishes.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

FALL OR WINTER VARIETIES.**CALIFORNIA MAMMOTH WHITE CHINA.**

This is the largest of all Radishes. Roots grow 10 to 12 inches long, and are solid, tender and crisp; keeps well through the winter.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 65c.

LONG BLACK SPANISH.

A long, black-skinned variety, flesh white and slightly pungent; one of the latest and hardiest.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

ROUND BLACK SPANISH.

Skin black; roots globe shaped; white fleshed and piquant flavor.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

EARLY SCARLET TURNIP, WHITE TIPPED.

A handsome, very early, round sort; skin bright scarlet on top and shading to white on the bottom; crisp and fine; very popular.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.



PIE PLANT.

RHUBARB, OR PIE PLANT.

Like the seed of fruit trees, Rhubarb seed cannot be relied upon to produce the same variety.

Seeds from selected plants of Victoria, Giant or Linnaeus.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

Rhubarb roots, select, too large for mailing, per doz., 75c; per 100, \$5.00.

Rhubarb roots, small, by mail, postpaid, per doz., 50c; per 100, \$3.00.

"A soil can be termed fertile only when it contains all the materials requisite for the nutrition of plants, in the required quantity, and in the proper form and proportions." Our Compounds will renew the fertility of any soil and increase it.

SALSIFY, OR VEGETABLE OYSTER.

The long, white, tapering root of Salsify resembles a small parsnip, and when cooked is a good substitute for oysters, having a very similar flavor.



SALSIFY.

MAMMOTH SANDWICH ISLAND.

This is in every way superior to the old sort, being larger, stronger-growing, and less liable to branch. Invaluable to market gardeners.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.50.

SPINACH.

SPINACH.

IMPROVED THICK LEAVED.

A variety which grows very rapidly, forming a cluster of large, very thick, slightly savoyed leaves of fine color and quality when cooked. Especially recommended for market gardeners.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 35c.

LONG STANDING.

An improved round-seeded strain.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 35c.

LONG STANDING PRICKLY.

The plants mature a little later than the round-leaved sorts, but furnish a large quantity of very thick and well-flavored leaves. Has prickly seed.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 35c.

ROUND SUMMER.

Very popular with market gardeners; has thick, large, fleshy leaves.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 35c.

SAVOY LEAVED.

Earliest variety.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 35c.

VICTORIA (NEW).

Extra dark black-green color. It holds a long time in condition for use.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 40c.

SQUASH.

MAMMOTH WHITE BUSH SCALLOPED.

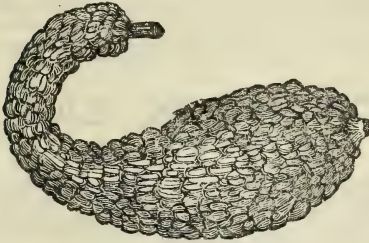
The best summer sort for the market.
Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.



BUSH SCALLOP.

YELLOW BUSH SCALLOPED.

Pkt., 5c; oz., 7c; ¼ lb., 20c; lb., 50c.



CROOKNECK.

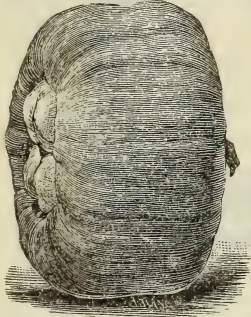
MAMMOTH SUMMER CROOKNECK.

Twice as large as the ordinary Crookneck, and several days earlier.

Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

BOSTON MARROW.

Second early, coming in about 10 days after the Bush and Crookneck sorts. Skin yellowish, very thin; the flesh dry and fine grained, and of unsurpassed flavor. Pkt., 5c; oz., 7c; ¼ lb., 20c; lb., 60c.



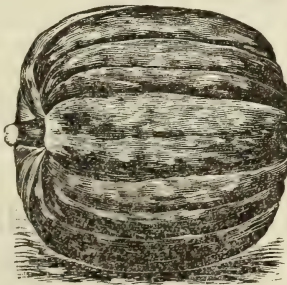
AMERICAN TURBAN OR ESSEX HYBRID.

AMERICAN TURBAN, OR ESSEX HYBRID.

Short cylindrical shape, having on the blossom end a small, cap-shaped enlargement. The flesh is dry, sweet, and thick, and of a bright orange color. Long keeper. Those desiring a "dry" Squash should grow this one. Pkt., 5c; oz., 7c; ¼ lb., 20c; lb., 60c.

WE WILL PAY...

\$2.00 in trade to the person delivering at our store the largest Mammoth Chili Squash and \$1.00 for the next largest. Seed to be bought from us this season and squashes delivered by Nov. 1st.



CHILI.

MAMMOTH CHILI.

The largest of all squashes, growing to an immense size, often weighing over 200 pounds, while its rich, fine-flavored flesh insures its value for all purposes. Its size makes it valuable for stock feeding. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

WINTER SQUASHES. HUBBARD.

This sort is so well known that a description is unnecessary. Pkt., 5c; oz., 7c; ¼ lb., 20c; lb., 60c.

OREGON HUBBARD.

Long Keeper

Great Producer

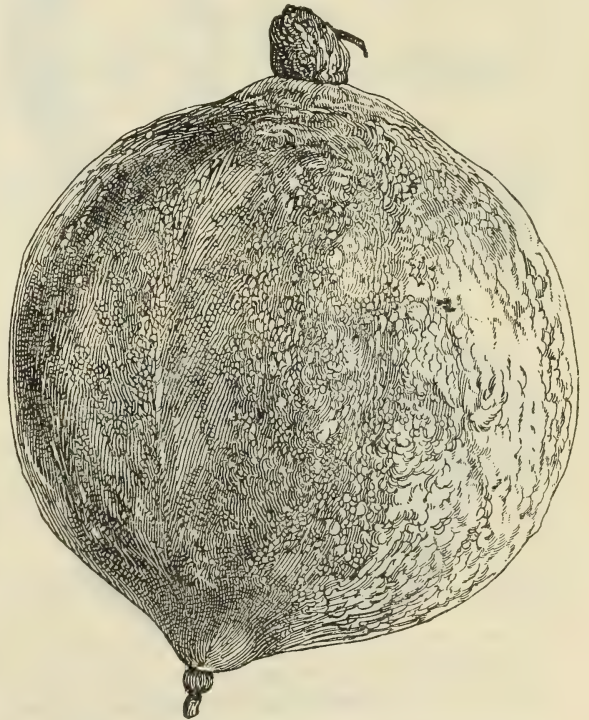
Thoroughly Acclimated

This is the ideal squash for market, being a great improvement over Eastern-grown seed. Thoroughly acclimated, it never fails to produce and mature a crop. Its long-keeping qualities bring it into the market long after other squashes are out. This seed is the result of six years of careful selection by an experienced gardener. The seed is saved only from the finest specimens, thus keeping up the high standard already attained. With good cultivation 15 tons to the acre is not an uncommon yield.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.00.

SIBLEY, OR PIKE'S PEAK.

One of the best keepers and fine quality. Its flesh is solid, thick, sweet, and of a beautiful orange color. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 75c.



GREEN MOUNTAIN.

GREEN MOUNTAIN.

A new sort, which is quite similar to the Hubbard in general appearance, but is smoother, larger and the flesh is of deeper color, with less green tinge to the rind. It seems to combine the excellencies of the yellow, soft-shelled and the harder-shelled sorts, and is one of the best for family use. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

SUNFLOWER.**SUNFLOWER, LARGE RUSSIAN.**

Makes excellent food for chickens.

Pkt., 5c; ¼ lb., 10c; lb., 20c; 100 lbs., \$5.00.

TOBACCO.**HAVANA.**

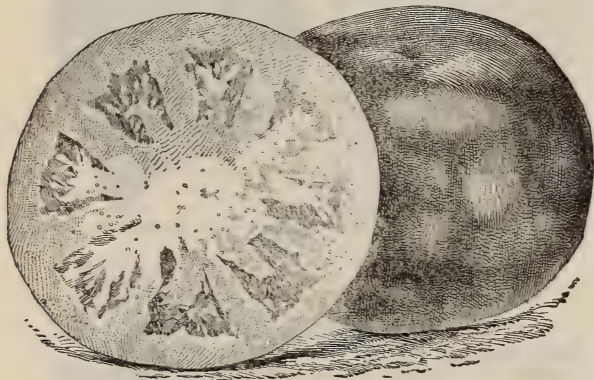
Pkt., 5c; oz., 20c; ¼ lb., 60c.

CONNECTICUT SEED LEAF.

Pkt., 5c; oz., 20c; ¼ lb., 60c.

TOMATOES.

We offer to our trade a **LARGE ASSORTMENT** of Tomatoes from which to select, and not a poor one in the lot.



ATLANTIC PRIZE.

ATLANTIC PRIZE.

In point of earliness this undoubtedly takes the lead; in size, shape and color it compares favorably with later sorts. Color bright red.

Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00

BEAUTY.

The smoothest and best of the large purple sorts. Vines large, vigorous and heavy bearers; fruit large, uniform in size, very smooth, color of skin purplish-pink, flesh light pink, and of excellent flavor. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.75.



DWARF ARISTOCRAT.

DWARF ARISTOCRAT.

This is practically a red variety of the Dwarf Champion. In size, solidity, productiveness and flavor, it is up to the best standard. It will be found good under glass and for early market out of doors. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

EARLY MICHIGAN.

An extremely smooth and perfectly shaped Tomato; very early; vines strong and vigorous.

Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

ACME.

This is one of the smoothest and evenest in size, and earliest of the purple-fruited sorts. Vine large, hardy and productive, ripening its first fruit almost as early as any, and continuing to bear abundantly until cut off by frost. Fruit in clusters without a peer among its class. This variety is used for planting under glass.

Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00

DWARF CHAMPION.

Most distinct and valuable Dwarf, stiff habit, scarcely needing any support. It is very early and wonderfully prolific. Color purplish-pink. It is perfectly round and smooth, of medium size.

Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

FAVORITE.

Large and most perfect shape. Ripens evenly and early, and holds its size to the end of the season. It is very prolific, has few seeds, solid flesh, and bears shipping long distances.

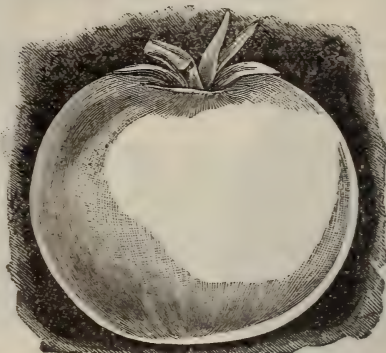
Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00

FORDHOOK EARLY.**(BURPEE'S.)**

A smooth, round tomato, red and purple, nearly uniform in size and shape. Yields remarkably large and suffers very little from rot. The plants are vigorous but not rampant, with medium-sized foliage. A very good all-round tomato.

Pkt., 10c; oz., 40c; ¼ lb., \$1.00; lb., \$3.50.

WE WILL PAY one dollar in trade to the person delivering at our store the largest Fordhook Early Tomato, and fifty cents in trade for the next largest. Seed to be bought from us this season.



GOLDEN QUEEN.

GOLDEN QUEEN.

Has all the good qualities of the best red varieties, and is of a beautiful golden-yellow color, making it valuable for slicing and mixing with red varieties for table use.

Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

TROPHY, IMPROVED.

Well known as one of the best. Vines of medium size, but producing compact clusters of fruit in immense quantities; fruit large, smooth and of bright red color.

Pkt., 5c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00.

MATCHLESS.**(NEW.)**

The Matchless Tomato is well worthy of its name. In beauty of coloring and symmetry of form it cannot be excelled. The vines are of strong, vigorous growth, well set with fruit, the foliage is very rich, dark-green in color. The fruit is of the largest size, and this is maintained throughout the season, the healthy growth of foliage continuing until killed by frost.

Pkt., 10c; oz., 35c.

WE WILL PAY

One dollar in trade to the person delivering at our store the largest Matchless Tomato, and fifty cents in trade for the next largest. Seed to be bought from us this season.

IGNOTUM.

A favorite with market gardeners. Color deep crimson, and very attractive.

Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

MIKADO, OR TURNER'S HYBRID.

The largest purple-fruited tomato, weighing as high as 28 ounces, while the average weight is probably not less than 12 ounces. Vines large, coarse-growing, with leaves entire, like those of the potato plant; very productive, and is early for so large a tomato; fruit extremely large, rough, solid, with few seeds. Demanded by those who want extra large fruit.

Pkt., 5c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00.

THE NEW STONE.

If asked to select one main-crop, market sort, we advise this. Color fine scarlet, stem (calyx) set high, core small and shallow, so that but little is lost when it is taken out of the fruit before slicing. We want to make what we say of this kind definite, because there are very many good kinds, and a long list is confusing. If in doubt, buy the New Stone for market or home use.

Pkt., 5c; oz., 20c; ¼ lb., 65c; lb., \$2.25.

OPTIMUS.

This is one of the best Table Tomatoes. Vine medium size, but vigorous, healthy and productive. Although not represented as a first early sort, many customers have obtained ripe fruit from it as early as from any sort, and it proves to be one of the best varieties for forcing. Fruit, medium size, oval, very smooth, and of exceedingly bright crimson color, very free from cracks, and rotting but little. The flesh is of a crimson-scarlet color, quite distinct. Not only the best for home use and for market, but one of the best for canning.

Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

PERFECTION.

This is one of the handsomest tomatoes grown, and all who have tried its invariably round, smooth, handsome, red fruit pronounce it of the highest quality. It has been used very satisfactorily for forcing under glass.

Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

PEACH.

Very distinct; fruit of uniform size, resembling a peach in shape, size, bloom and color, which is a deep orange rose.

Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

SMALL-FRUITED TOMATOES.

For preserves and pickles:

RED PEAR-SHAPED.

RED CHERRY-SHAPED.

YELLOW PLUM-SHAPED.

YELLOW CHERRY-SHAPED.

Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

HUSK TOMATO, OR GROUND CHERRY.

The seed we offer is that of the true Yellow Ground Cherry. It is liked by many for preserves and for eating out of hand.

Don't Waste...

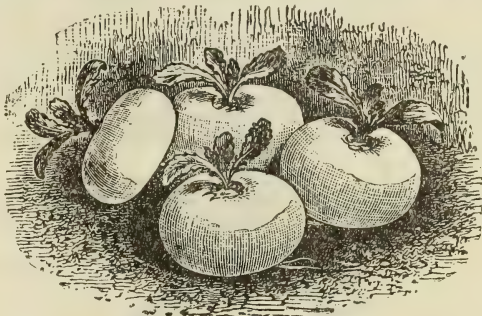
The natural manure produced on the farm. It is rich in nitrogen, which is not only an important element in plant food, but one of the most costly ingredients in any fertilizer. It should be remembered, however, that stable manure is not a "complete" or well-balanced fertilizer; it is too rich, proportionally, in nitrogen, and should be supplemented or mixed with liberal proportions of potash and phosphoric acid.

Supplement your natural manures with LAMBERSON'S BONE AND PHOSPHATE MANURES, and you will not only increase your crops, but keep your land up to the highest rate of fertility from year to year.

We carry a large stock of Muriate of Potash, Sulphate of Potash, and Kainet, and will sell at importer's prices. Correspondence solicited.

TURNIPS.

There is nothing superior to Turnips and Ruta Bagas for feeding stock, and they yield a larger amount of food per acre than any other root crop.



NEW EXTRA EARLY WHITE MILAN.

NEW EXTRA EARLY WHITE MILAN.

A sort in which the extreme earliness, small top and tap root of the Purple-Top Milan is united with clear, white skin and flesh. Very desirable for early planting.

Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

EXTRA EARLY MILAN, PURPLE TOP.

The bulb is very flat, of medium size, quite smooth, with a bright purple top. The white flesh is of the choicest quality, hard, solid, and fine grained. It is an excellent keeper.

Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

WHITE EGG.

A quick-growing, egg-shaped sort, pure white, growing half out of the ground.

Pkt., 5c; oz., 7c; ¼ lb., 20c; lb., 60c.



WHITE EGG TURNIP.

EARLY PURPLE-TOP, STRAP LEAF.

A general favorite with all, and more largely grown than any other turnip.

Pkt., 5c; oz., 7c; ¼ lb., 20c; lb., 50c.



PURPLE TOP STRAP LEAF.

EARLY WHITE FLAT DUTCH.

A very popular sort for the table or market. Grows quickly. Mild flavor and excellent quality.

Pkt., 5c; oz., 7c; ¼ lb., 20c; lb., 50c.

GOLDEN BALL, OR ORANGE JELLY TURNIP.

One of the most delicious and sweetest yellow-fleshed turnips. Not of large size, but firm, hard, and excellent flavor. Keeps well and is superior as a table variety.

Pkt., 5c; oz., 7c; ¼ lb., 20c; lb., 50c.

POMERANEAN WHITE GLOBE.

Is one of the most productive kinds, and in good, rich soil roots will frequently grow to 12 pounds in weight. It is of perfect globe shape; skin white and smooth; leaves dark green and of strong growth.

Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

PURPLE-TOP YELLOW ABERDEEN.

Very hardy and productive, good keeper, globe shaped and fine quality.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 50c.

PURPLE-TOP WHITE GLOBE.

A variety of the purple-top flat turnip, from which it originated. It is globular in form, and nearly as large as the Pomeranian White Globe, of beautiful appearance, and of most excellent quality. Equally desirable for table or stock. It keeps well and is a fine market sort.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

COW HORN.

Carrot-shaped sort; of delicate flavor; for table use.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

LARGE WHITE NORFOLK.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 15c; lb., 50c.

SWEET GERMAN.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 60c.

SEVEN TOP.

Cultivated extensively in the South for the tops, which are used for greens. It is very hardy, and will grow all winter, but does not produce a good root, and is only recommended for the tops.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.

LARGE AMBER GLOBE.

One of the best varieties either for table use or for field crop for stock. Flesh yellow, fine grained and sweet; color of skin, yellow, with green top. Hardy, keeps well, a good cropper, and grows to a very large size.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

SWEDES, OR RUTA-BAGAS.**MAMMOTH RUSSIAN, OR WHITE RUTA-BAGA.**

This variety is most excellent, either for table or stock. It grows to a very large size, flesh white, solid, of a firm texture, sweet and rich; an excellent keeper.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 50c; 5 lbs., \$2.00.

SKIRVING'S RUTA-BAGA.

Enormously productive; flesh yellow, solid and sweet. One of the best for field culture.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 50c; 5 lbs., \$2.00.



PURPLE-TOP YELLOW.

IMPROVED PURPLE-TOP YELLOW.

The leading standard variety, being very distinct in type. Attaining a wonderfully large size, immense yielder. The flesh is very firm, superior in every way, valuable alike for all purposes.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 50c; 5 lbs., \$2.00.

MONARCH, OR TANKARD RUTA-BAGA.

This is a new yellow-fleshed sort, having very large, tankard-shaped roots, with relatively small necks and tops. Color purplish crimson above ground, yellow below; flesh very solid, fine grained, and of the best flavor. This very popular variety is sold also as Hurst's Monarch and Carter's Elephant.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 50c; 5 lbs., \$2.00.

YELLOW SWEDE.

Shape oblong; dull reddish color above ground, but yellow underneath; is harder than the common turnip, and will keep solid till spring.

Pkt., 5c; oz., 7c; $\frac{1}{4}$ lb., 20c; lb., 50c; 5 lbs., \$2.00.

Sweet, Pot and Medicinal Herbs.

Herbs in general delight in a rich, mellow soil. Those marked with an asterisk (*) are perennial, and when once obtained in the garden may be preserved for years with a little attention. Sow the seed early in the spring in shallow drills, one foot apart; when up a few inches, thin out to proper distances or transplant. No garden is complete without a few sweet, aromatic or medicinal herbs, for flavoring soups, meat, etc., and care should be taken to harvest them properly. They should be cut on a dry day, just before they come into full blossom; tied in bunches and hung up or spread thinly on a floor, where they can dry quickly.

ANISE.

For garnishing and flavoring. Pkt., 5c; oz., 10c.

***BALM.**

Used for tea or balm wine. Pkt., 5c; oz., 25c.

BASIL, SWEET.

Used for soups, stews and sauces.

Pkt., 5c; oz., 15c.

BORAGE.

Excellent for bees, etc.

Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

***CARAWAY.**

For confectionery and medicine; also flavoring.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Caraway, for flavoring.

Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

CAT-MINT, OR CATNIP.

Oz., 30c; $\frac{1}{4}$ lb., \$1.00.

CORIANDER.

Grown for its seed, also for garnishing.

Pkt., 5c; oz., 10c.

DILL.

Leaves used in soups, sauces and pickles; also seed for flavoring.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

Dill for flavoring. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 50c.

***FENNEL, SWEET.**

Leaves, when boiled, are used in fish sauces.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c.

***HOREHOUND.**

Used medicinally.

Pkt., 5c; oz., 30c.

NO CREDIT MEMORANDUMS—If your remittance is for more than the amount of your purchase, we return balance in cash.

HYSSOP.

A hardy perennial with an aromatic flavor, and warm, pungent taste. It is a stimulant and expectorant, and is used in asthma and chronic catarrh. Oz., 25c; ¼ lb., 75c.

***LAVENDER.**

An aromatic herb. Pkt., 5c; oz., 15c; ¼ lb., 35c.

***MARJORAM, SWEET.**

The young, tender tops are used green for flavoring, or they may be dried for winter use. Sow in drills as early as possible and thin out the plants to 10 inches apart.

***SAGE.**

The tender leaves and tops are used in sausage, stuffing and sauces.

Pkt., 5c; oz., 20c; ¼ lb., 70c.



SAGE.

SAVORY, SUMMER.

For seasoning purposes.

Pkt., 5c; oz., 15c; ¼ lb., 40c.

***TANSY.**

For medicinal use.

Pkt., 5c; oz., 30c.

***THYME, BROAD-LEAVED ENGLISH.**

For seasoning.

Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

***WORMWOOD.**

Used medicinally, beneficial for poultry, and should be planted in poultry yards.

Pkt., 5c; oz., 30c.



SUMMER SAVORY.

***ROSEMARY.**

An aromatic and ornamental herb.

Pkt., 5c; oz., 30c.

***RUE.**

For medicinal purposes; good for fowls, for the roup. Pkt., 5c; oz., 15c.



HOLT'S MAMMOTH SAGE.

SAGE, HOLT'S MAMMOTH.

This is what its name indicates. A mammoth variety. The plants are very sturdy growers, reaching one foot in height the first season and spreading so a single plant covers a circular space three feet in diameter. The leaves are borne well above the soil, keeping them clean; they are very large, averaging about 4 inches in length and 1¼ inches wide, and of unusual substance. Strong in flavor and of superior quality. A single plant of Holt's Mammoth will yield more than a dozen plants of the common sort. It is perfectly hardy and attains a still larger growth the second season. IT NEVER SEEDS.

Three plants, 25c; 7 for 50c; postpaid.

PLANTS AND ROOTS.

CABBAGE.

	Post-paid. Doz.	Express Not Paid. 100 1,000
Early Jersey Wakefield	\$0.15	\$0.50 \$3.00
Early Flat Dutch		
Early York		
Henderson's Early Summer		
Late Flat Dutch	\$0.15	\$0.50 \$3.00
Drumhead		
World Beater		

CAULIFLOWER.

Snow Ball	\$0.25	\$1.00 \$8.00
Ex. Early Dwarf Erfurt		
Veitch's Autumn Giant	\$0.20	\$0.75 \$5.00
Large Algiers		

CELERY.

Golden yellow	\$0.20	\$0.75 \$6.00
White Plume		
Giant Pascal		

CELERIAC.

\$0.25 \$0.75 \$6.00

TOMATOES.

Fordhook Early	\$0.20	\$0.85 \$6.50
Atlantic Prize		
Optimus		
Aristocrat		
New Stone		
Early Michigan		
Dwarf Champion		

ASPARAGUS. (2 years old.)

Palmetto	\$0.35	\$1.00 \$6.00
Columbia Mammoth White		
Conover's Colossal		

PEPPERS.

Bull Nose	\$0.20	\$1.00 \$8.00
Ruby King		
Cayenne		

SAGE.

Holt's Mammoth 10c each; 3 for 25c

SWEET POTATOES.

Plants	\$0.25	\$1.00 \$5.00
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CHIVES. (Schnittlauch.)

Per bunch, 25c.

RHUBARB.

1 year	\$0.65	\$3.00
2 year	\$1.10	\$5.00

HORSE RADISH.

\$0.25 \$0.75

HOPS.

\$0.25 \$1.50

ONION SETS.

Yellow Bottom Sets	} lb., 25c.
Yellow Top Sets	
White Multipliers	

GARLIC.

lb., 30c.

Our Potatoes are Grown for Seed.

A change of Seed will improve the quality and increase the yield.

GRASS SEEDS.

Price per pound includes postage. One hundred-pound prices are by Express or Freight at expense of the buyer. Prices subject to market fluctuations. Write for quotations on round lots.



TIMOTHY.



ORCHARD GRASS.

TIMOTHY.

This is the most valuable of all grasses for hay. Thrives best on moist, loamy soil of medium tenacity. It should be cut when the blossom falls. Sow early in the spring or fall, at the rate of 12 pounds per acre if alone, but less if mixed with other grasses.

Pound, 15c; 100 lbs., \$5.00.

ORCHARD GRASS.

One of the most valuable grasses on account of its quick growth and valuable aftermath. It has a tendency to grow in tufts and does better if sown with clover, and, as it ripens at the same time, the mixed hay is of the best quality. When sown alone about 28 pounds are required per acre; if sown with clover, half that amount. It is perennial and will last for years.

Pound, 25c; 100 lbs., \$15.00.



ENGLISH RYE GRASS.



RED TOP.

RED TOP.

Sometimes called Herd's Grass. It is a good permanent grass and makes good pasture when fed close. When sown alone, use about 28 pounds to the acre. Sow in spring or fall.

Pound, 20c; 100 lbs., \$10.00

RED TOP.

Fancy (cleaned from chaff). Sow 8 to 10 pounds per acre. Pound, 40c; 100 lbs., \$25.00.

ENGLISH, OR PERENNIAL RYE GRASS.

A very valuable variety for permanent pasture. Grows well on most any soil, but is particularly adapted to moderately moist or irrigated lands. It is also used, mixed with other grasses, for lawns. Sow 30 to 40 pounds per acre.

Pound, 20c; 100 lbs., \$10.00

ITALIAN RYE GRASS.

Similar in general appearance to English Rye, but has a lighter and more lively color. Grows somewhat taller; has smaller seeds, and is less inclined to spread on the ground. Is particularly adapted for permanent pastures and meadows.

Pound, 20c; 100 lbs., \$10.00



ITALIAN RYE GRASS.



KENTUCKY BLUE GRASS.

KENTUCKY BLUE GRASS. (Fancy Clean.)

The most nutritious, hardy and valuable of all Northern grasses. In conjunction with white clover it forms a fine lawn. If sown by itself for pasture, use 28 pounds per acre. Sow in spring or fall.

Pound, 30c; 100 lbs., \$20.00.

GRASS SEEDS—CONTINUED.



MEADOW FESCUE, OR
ENGLISH BLUE GRASS.



SHEEP'S FESCUE.

TALL MEADOW OAT GRASS.

A hardy perennial, much used in the West. Its roots penetrate deep, and it thrives on any good soil. It yields a good crop, and is valuable both for meadow and pasture. If used alone, sow from 30 to 40 pounds per acre.

Pound, 35c; 100 lbs., \$25.00.

JOHNSON GRASS.

A good fodder plant. Cuts two crops in a season. Is a strong, persistent grower, and hard to eradicate. It should be cut for hay when it comes into bloom. Plant 25 pounds to the acre.

Pound, 30c; 100 lbs., \$15.00.

BROME GRASS. (*Bromus Inermis*.)



¹BROME GRASS.
(*BROMUS INERMIS*.)

A valuable grass for dry lands. It endures extremes of temperature and resists protracted drouths, succeeding where alfalfa fails. Poor lands are no discouragement. It grows best in light, sandy loam, but its roots will penetrate the stiffest clays. It is equally good for cutting green, pasturing, or cutting into hay, and the dense, tough sod it forms is most valuable for holding the banks of ditches and strengthening the turf of sandy soil. Use 25 pounds to the acre if alone; if with alfalfa, 15 pounds. They will grow well together. It may be sown in the fall with winter wheat, or in the spring. Cut when first coming into bloom.

Pound, 30c; 100 lbs., \$20.00.

WILD RICE.

The only one of our native plants furnishing food for wild fowl, ducks, geese, etc., which has been made an article of commerce. This seed can be sown on the border of lakes, ponds and along small streams to great advantage, attracting all of these wild birds from September on. It purifies the water and affords a refuge for the small fry from large fish. It makes a good hay and all cattle are fond of it. Sow in water having a mud bottom.

Pound, 40c; 100 lbs., \$25.00.

HARD FESCUE.

Similar to Sheep's Fescue, but does not grow so dense, and growing somewhat taller. This often will cover sandy soil under the shade of large trees where no other grass will grow. Is a desirable addition to lawn grass.

Pound, 35c; 100 lbs., \$20.00.

MEADOW FESCUE, OR ENGLISH BLUE GRASS

A perennial grass from two to four feet high with broad, flat leaves. This is one of the standard European grasses. It needs rich ground, and succeeds well on prairie soil. It is an excellent pasture grass to take the place of the wild grasses as it yields a large amount of early and late feed. Sow about 25 pounds per acre. Pound, 20c; 100 lbs \$10.

SHEEP'S FESCUE.

A small, tufted, hardy grass, forming a cluster of narrow, cylindrical leaves, of value in mixture for lawns or dry soils and under shade. Sow about 35 pounds to the acre.

Pound, 35c; 100 lbs., \$20.00.



JOHNSON GRASS.



TALL MEADOW OAT GRASS.

"Worn-Out" Soil.

The supply of available plant food in any soil is limited. Some lands will stand continuous cropping longer than others, but sooner or later all will be worn out unless the farmer returns to the land some of the nutritive elements that have been withdrawn with the crops.

LOOK AT THE CUT

Of our...

Pomona Spray Pump!

READ THE DESCRIPTION

And note that it is on the list of goods on which we are PREPAYING FREIGHT.

CLOVER SEEDS.

Price per pound includes postage; 100 lbs., buyer pays freight.



ALSIKE CLOVER.

ALSIKE.

The most hardy of all clovers; perennial. On rich, moist soil it yields an enormous quantity of hay or pasturage, but its greatest value is for sowing with other clovers and grasses, as it forms a thick bottom and greatly increases the yield of hay. Cattle prefer it to any other forage. The heads are globular, fragrant, and much liked by bees, which obtain a large amount of honey from them. Sow in spring or fall at the rate of six pounds per acre when used alone.

Pound, 25c; 100 lbs., \$14.00.

ALFALFA.

It is useless to sow this clover on a land having a stiff clay or hardpan subsoil, as the roots naturally penetrate to a great depth, and must do so if the plants live any time. Sow on rich, moist loam or sandy soil, having deep, porous subsoil. Prepare the land thoroughly and sow seed at the rate of 15 to 20 pounds per acre with a broadcaster or grass seeder. Cover with a brush or light harrow. The young plants are quite tender, and the land must be free from weeds until they become established.

Pound, 20c; 100 lbs., \$8.00.



RED CLOVER.



ALFALFA.

ESPERSETTE, OR SAN FOIN.

This might be described truly as a land-enriching, luxuriant, heat-resisting clover. It thrives best on chalky and sandy soils, dry gravel, etc.; also loams and clays, if not too stiff or too deep. Flowers about the same time as Red Clover. It is usually sown in early spring. It is perennial and the stand improves by age. Sow four bushels to the acre.

Pound, 25c; 100 lbs., \$12.50.

RED.

This is by far the most important of all the varieties for practical purposes. Sow in the spring or fall, and if no other grasses are used, at the rate of 8 to 12 pounds per acre; more is required on old, stiff soils than on new and lighter ones.

Pound, 20c; 100 lbs., \$10.00.

WHITE.

A small, creeping, perennial variety, valuable for pasturage and for lawns. It accommodates itself to a variety of soils, but prefers moist ground. Sow in spring at the rate of six pounds per acre, or, when used with other grasses, half that amount.

Pound, 30c; 100 lbs., \$20.00.

MAMMOTH RED.

Grows nearly twice the size of the common Red Clover, often making a stand when the other Clovers fail. Sow about 8 to 12 pounds to the acre.

Pound, 30c; 100 lbs., \$15.00.



CRIMSON CLOVER.

CRIMSON.

An annual variety, in common use for feeding green and for hay; grows well on sandy or poor land. It is a great nitrogen gatherer; improves poor lands, and restores to fertility those worn by excessive culture. The yield in fodder is immense, and after cutting, it commences at once to grow again, continuing until severe cold weather. It is excellent for spring planting, either alone or mixed with Red and Alsike Clover. It grows about one foot high, the roots are nearly black; blossoms, long, pointed, and of a very deep red or carmine color. Makes good bee pasture.

Pound, 20c; 100 lbs., \$8.00.

POTASH IN AGRICULTURE.

We carry a large stock of Muriate of Potash, Sulphate of Potash and Kainet, and will sell at importers' prices. Correspondence solicited.



VETCHES.

VETCHES, OR TARES.

Sown with oats or wheat will produce an immense crop of hay, which stock relish greatly. The Vetch is a species of pea; the culture is the same as field peas. Pound, 20c; 100 lbs., \$4.00.

BROOM CORN.

An acre will give about 500 weight of broom and 40 bushels of seed, worth nearly as much as oats for feed. Pound, 20c; 100 lbs., \$6.00.

KAFFIR CORN.

The heads are long and perfectly erect, well filled with white grain, flecked with reddish-brown spots. The average height of growth on good, strong land is 5½ to 6 feet. The seed heads grow from 10 to 12 inches in length, and the product on good land reaches easily 50 to 60 bushels per acre. The whole stalk, as well as the blades, cures into excellent fodder. Pound, 15c; 100 lbs., \$3.00.

DWARF ESSEX, OR ENGLISH RAPE.

Extensively cultivated for soiling purposes, and also for feeding young cattle, lambs and sheep. Yields abundantly, and all animals are fond of it. Sow in April or May. If in drills, 2 to 4 pounds; if broadcast, 4 to 6 pounds per acre. Pound, 20c; 100 lbs., \$10.00.

FIELD PEAS.

Valuable for hog and cattle feeding; also for green soiling. As a food for fattening hogs it is equal to the best corn. Sow from 60 to 120 pounds per acre. Pound, 15c; 100 lbs., \$2.25.

COW PEAS.

This is not exactly a pea, but more properly belongs to the bean family. It is a valuable fodder and fertilizing crop. Pound, 15c; 100 lbs., \$2.50.

SOJA BEANS.

This is the variety which has been extensively advertised as the so-called German Coffee Berry. It is recommended, however, as a really useful forage plant, and is worthy of a fair trial. Pound, 20c; 100 lbs., \$7.50.

SUGAR CANE.

EARLY AMBER.

This popular and well-known variety is the earliest and makes the finest quality of amber syrup, and good sugar. It grows usually 11 and 12 feet high and stands up well. When planted between the 1st and 10th of May, the seed ripens almost invariably, thus giving a double crop. The seed is highly relished by poultry and all kinds of stock. It is coming into high favor with the farmers of the Pacific Northwest as a green fodder. Pound, 20c; 100 lbs., \$6.00.

MILLET.

COMMON.

An annual grass, with luxuriant leaves, very juicy and tender, relished by all kinds of stock. It makes very good hay. Sow 30 to 40 pounds to the acre. Pound, 15c; 100 lbs., \$3.00.

GERMAN.

No other plant that has yet been introduced for grass or forage has been able to produce anything approaching the enormous yield of this plant when grown under favorable circumstances. It has produced from four to five tons of hay to the acre, and from 70 to 80 bushels of seed. Sow 30 to 40 pounds to the acre. Pound, 15c; 100 lbs., \$3.50.

OREGON GOLDEN.

An improved variety, medium early, growing three to five feet high. The heads are closely condensed, though the spikes are very numerous. The seeds are contained in rough, bristly sheaths and are round, golden yellow and beautiful in appearance. Pound, 15c; 100 lbs., \$5.00.

HUNGARIAN.

This is a species of annual Millet, growing less rank, with small stalks, often yielding two or three tons of hay per acre. It is very popular and valuable with those who are clearing timber lands. Sow and cultivate like the Common. Pound, 15c; 100 lbs., \$3.50.

MISCELLANEOUS SEEDS.

BUCKWHEAT.

JAPANESE.

Pound, postpaid, 20c; 100 lbs., \$3.50.

SILVER HULL.

Pound, postpaid, 20c; 100 lbs., \$3.00.

SUNFLOWER.

Pound, postpaid, 20c; 100 lbs., \$5.00.

ARTICHOKES.

WHITE JERUSALEM.

This is far superior to the common red sort. The tubers are larger and the yield per acre is greater. Farmers will recognize in this a great hog feed. They should not be dug in the fall, but left in the ground and the hogs turned into the field, to help themselves. They are immense yielders, 1000 bushels per acre often being produced. One hundred and fifty pounds is sufficient to seed an acre; cut to one eye. Pound, 20c; 100 lbs., \$2.00.

CHEAT,
BARLEY,
WHEAT,
FLAX,
RYE,
OATS.

} At market prices. Write for quotation.

MIXED,
CANARY,
HEMP,
RAPE,
MILLET.

BIRD SEEDS.

} Pound, postpaid, 20c; 3 lbs., 50c.

LETTUCE.

Pound, 40c.

CUTTLE BONE.

5c each.

We import our own bird seed and can guarantee it first-class. It is extra clean and free from foul seeds and grit.

FLOWER SEEDS.

We have added to our list of Standard Varieties several novelties of decided merit, among which are the **NEW MAMMOTH COSMOS** and **JAPANESE MORNING GLORY**, both of which are described below.

We have also added to our list of **SWEET PEAS** and ask special attention to the long list and **LOW PRICES**.

AGERATUM.

Very profuse and constant bloomers. Hardy annuals, growing from six to sixteen inches high, and bearing clusters of tassel-shaped flowers; excellent for cut flowers and in borders.

MEXICANUM, light blue.....Pkt. 5c
IMPERIAL DWARF WHITE.....Pkt. 5c
TOM THUMB, dwarf blue, desirable for edgingPkt. 5c

AGROSTEMMA COELI ROSA.

(Rose of Heaven). Free blooming and attractive plants, with woolly foliage and pretty rose flowers; 8 inches. Pkt. 5c

ALYSSUM.



ALYSSUM. (SAXATILE).

ALYSSUM, SWEET.

(Maritimum). Flowers pure white in racemes, and a peculiar delicate fragrance. Useful in all kinds of small bouquets. Hardy annual; grows one foot high. Pkt. 5c.

GOLDEN.

(Saxatile). Flowers golden yellow; desirable for rock work, and showy in masses. Hardy perennial; height 1 foot. Pkt. 5c.

LITTLE GEM.

(Benthami compactum procumbens.) A beautiful white variety, especially adapted to edgings, borders and rock work. Plants 4 to 6 inches high; form a compact mass of bloom 15 to 18 inches in diameter, and containing hundreds of flowers. Hardy annual. Pkt. 10c.

OUR LAWN FERTILIZER

Makes the grass grow, but KILLS THE MOSS AND SLUGS.

ASTERS.



ASTERS.

TRUFFAUT'S PERFECTION PAEONY. FLOWERED.

This magnificent race must be seen in order to get any adequate idea of the possibilities in Aster culture. The plants form large, compact bushes about 2 feet high, which, in the full flowering season, are literally covered with large, extremely double, perfectly shaped flowers.

We offer seed of the most distinct and desirable colors, separately or in finest mixture.

TRUFFAUT'S PERFECTION.

Truffaut's Perfection, snow white.....Pkt. 10c
 Truffaut's Perfection, light blue.....Pkt. 10c
 Truffaut's Perfection, rose.....Pkt. 10c
 Truffaut's Perfection, crimson.....Pkt. 10c
 Truffaut's Perfection, scarlet and white edgedPkt. 10c
 Truffaut's Perfection, mixed colors.....Pkt. 10c

PYRAMIDAL BOUQUET.

Dwarf, forming a complete pyramidal shaped bouquet, carrying from 15 to 20 flowers; height 1 foot. Pkt. 10c.

GERMAN QUILLED.

Large flowers; brilliant colors; height 18 inches. Mixed colors. Pkt. 5c.

BACHELOR'S BUTTON.

(Centaurea Cyanus). This is the widely known and ever-popular "Corn Flower" or "Corn Bottle," which, if the seed is sown just as soon as the ground is fit in spring, will furnish a profusion of white, blue and pink flowers from July until late in autumn. Hardy annual; two to three feet high. Mixed. Pkt., 5c.

BALSAMS.



BALSAMS.

BALSAMS.

DOUBLE CAMELLIA, as double as a Camellia, which they resemble; white, blotched with various colors. Pkt., 10c.

DOUBLE PURE WHITE, well adapted for florists, for bouquets. Very double. Pkt., 20c.

DOUBLE DARK RED, a very double dark-red variety. Pkt., 10c.

DOUBLE DWARF, mixed. Pkt., 5c.

MAXIMA, large; attractive. Pkt., 5c.

BRIZA.



BRIZA.

Very useful ornamental grass, much sought for in forming winter bouquets and wreaths; one foot high. Hardy annual; sow out of doors in April or May.

Pkt., 10c.

Use Rose Leaf (extract of tobacco) for Green Aphis on roses. **SURE CURE.** Pint bottle, 30c.

CANARY BIRD FLOWER.

(*Tropaeolum canariense*). A beautiful climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half extended. Tender annual. Pkt., 10c.

CANNA.

Crozy's Hybrids. This new and entirely distinct class of Cannas is of the dwarf, compact habit, producing flowers similar in shape to those of the *Gladiolus*. The colors include all shades, from light lemon and the deepest orange and red to cherry and the deepest magenta. If the seed is previously soaked for 12 hours in a pot and transplanted into not too rich soil, the plants will bloom the same year. Sow as early as possible. Pkt., 10c; 3 for 25c.

CALLIOPSIS.



CALLIOPSIS.

CALLIOPSIS.

(*Coreopsis*). A very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. Hardy annual; two feet high; mixed, fine.

Pkt., 5c.

One hundred pounds of our lawn fertilizer has more plant food than a ton of stable manure, and costs no more.

CANDYTUFT.



CANDYTUFT.

(*Iberis*). Hardy annual; one foot high.

FRAGRANT WHITE. Pkt., 5c.

WHITE ROCKET (*Empress*). White, extra large trusses. A great improvement in size and quality of the flowing trusses over the common white variety.

Pkt., 5c.

FINE MIXED, separate colors. Pkt., 5c.

CANTERBURY BELL.

(*Campanula Medium*). Handsome, hardy biennial, of stately growth, rich color and profuse bloom. Succeeds best in light, rich soil, and should be transplanted two feet apart. Has large bell-shaped flowers, which are strikingly effective.

Double mixed, pkt., 10c; single mixed, pkt., 5c.

CARNATIONS.



CARNATIONS.

EXTRA CHOICE DOUBLE MIXED. Seed saved from the choicest double flowers; a large proportion will produce double flowers. Pkt., 10c.

MARGUERITE. Flowering in a few weeks from seed. Most abundant bloomers; flowers very double, ranging through beautiful shades of reds, pinks, white, variegated, etc. These sown in spring commence flowering in the early summer, and continue to bloom until checked by frost. They can be potted and taken in the house, and will flower abundantly throughout the winter, though, if intended especially for winter flowering, it will be better to sow later in the season. Mixed colors. Pkt., 10c.

CASTOR BEAN.

(*Ricinus*). Tall, majestic plants for lawns, with leaves of glossy green, brown or bronzed metallic hue, and long spikes of prickly capsules of scarlet and green. Of very quick growth in rich soil. Tender annual, eight to 10 feet high. Mixed. Pkt., 5c.

CINERARIA.



CINERARIA.

CINERARIA.

Greenhouse perennials, which can be planted out in summer. They thrive best in a mixture of loam and peat, and cuttings root freely under glass. One to three feet high.

HYBRIDA, choicest mixed, from the best flowering varieties. Pkt., 25c.

COBAEA SCANDENS.

A fine, rapid-growing climber, with handsome foliage and large, bell-shaped flowers, green at first, but rapidly changing to a beautiful deep violet blue. A well-established plant will run 50 feet in a season, covering a large veranda with handsome foliage and beautiful flowers. Tender perennial. Pkt., 10c.

COCKSCOMB.

(*Celosia Christata*). Highly ornamental plants, producing crested heads of flowers, somewhat resembling a cock's comb. Tender annual. The dwarf varieties are about one foot high.

GLASGOW PRIZE (President Thiers), a very fine dwarf variety, with large, brilliant crimson comb, and handsome dark foliage.

Pkt., 10c; mixed, pkt., 10c.



COSMOS.

COSMOS.

A very effective autumn-flowering plant, quite hardy and rapid-growing, forming bushes often four to eight feet high, and covered with large, single, dahlia-like flowers.

HYBRIDA, Large White. This is in every way superior to the single Dahlia as an autumn-blooming plant. It bears

large, pure white flowers, on long stems, in the greatest profusion, which are extremely useful for decorative purposes. Pkt., 10c.

HYBRIDA, finest mixed.

Pkt., 10c.

NEW MAMMOTH FANCY COSMOS.

NEW MAMMOTH FANCY COSMOS.

It is impossible to describe adequately these exquisite new varieties. They embrace many shades of crimson and mauve; also pure white, and white delicately tinted and clouded. There are monstrous white flowers with flecked and pink edges, and pink flowers of the same type. Many of the pink and mauve flowers have a deep red rim around the eye, which gives a striking effect. Some of the immense flowers, both pink and white, resemble a single Camellia, with their broad, overlapping petals. The crimson shades of the different forms are lovely glowing colors, from deepest crimson to light red, in splendid contrast with the filmy foliage.

Pkt., 10c.

CYPRESS VINE.

A most beautiful climber, with delicate, dark green, feathery foliage, and an abundance of bright, star-shaped, rose, scarlet and white blossoms, which contrast most beautifully with the graceful foliage. Tender annual; 15 feet high.

Scarlet, pkt., 5c; mixed, pkt., 5c.

DAHLIA.

This magnificent race of plants may be had in the greatest variety and beauty from seed, both of the single and double sorts. If planted early and pushed, they can be made to flower the first season. Tender, herbaceous perennials.

FINEST DOUBLE MIXED. Seed saved from choice double flowers.

Pkt., 15c.



DAHLIA.

DAISY.

(Bellis). The Daisy has been so far improved by selection and careful cultivation that good seed will give at least 80 per cent. of flowers, as large and double as any of the named sorts. Splendid plants for early spring and summer flowering, planted in partially shaded situations. Are also excellent bloomers in the house.

DOUBLE MIXED,

Pkt., 10c.



DAISY.



ESCHSCHOLTZIA, OR CALIFORNIA POPPY.

ESCHSCHOLTZIA.

A genus of the Poppy family, and fully as valuable as the common Poppy for garden ornamentation, and as easily grown. Nothing is handsomer nor richer in color than a bed of these in full bloom. Hardy annuals; height, one foot.

CALIFORNIA, bright yellow.

Pkt., 5c.

MIXED.

Pkt., 5c.

FORGET-ME-NOT.

(Myosotis). The Forget-Me-Not is an old favorite, bearing clusters of star-shaped flowers. It thrives well in shade or open border. Hardy perennial.

Pkt., 5c.

GOURDS.

(Cucurbita). A tribe of climbers with curiously shaped fruit in various colors. Being of rapid growth, they are fine to cover old fences, trellises, stumps, etc. The foliage is quite ornamental. Tender annual climber; 10 to 20 feet high.

Pkt., 5c.

DISHCLOTH.

A rapid climber, having long, green fruit, the inside of which is a fibrous mass, and when the shell and seeds are removed makes an excellent substitute for a bath-sponge. Pkt., 5c.

HERCULES' CLUB.

The longest of all the varieties. Pkt., 5c.

JAPANESE NESTEGG.

White, like an egg; does not crack, and is not injured by heat or cold. Pkt., 5c.

SIPHON OR DIPPER.

Useful for dippers. Pkt., 5c.

FOUR O'CLOCK.

(Marvel of Peru). The plants are large, and require four feet of space, making a pretty hedge. The flowers are funnel-shaped, white, red and striped, very fragrant, and open about 4 o'clock in the afternoon, remain open all night, and generally perish before noon the next day. Hardy annual; two feet high.

SPLENDID MIXED. Pkt., 5c.



FOXGLOVE

FOXGLOVE.

(Digitalis). Plants produce dense spikes of flowers, on stems three to five feet high. The blossoms are thimble-shaped. A valuable flower in every perennial garden. Hardy biennials or perennials.

SPLENDID MIXED Pkt., 5c.

GILIA TRICOLOR.

Grows in almost any situation; flowers blue, with yellow and purple center. Sow in masses. One foot high. Hardy annual. Pkt., 5c.

EVERLASTING FLOWERS.

HELICHRYSUM.

Large, full, double flowers, of various colors, from bright yellow to scarlet shaded and tipped. Hardy annual; six inches to two feet. Mixed. Pkt., 5c.

HELIPTERUM.

A desirable distinct dwarf, everlasting, with large globular clusters of bright yellow and pure white, starlike flowers. Hardy annual; one foot high. Mixed. Pkt., 10c.

HELIOTROPE.

Highly valued for the fragrance of their flowers and duration of bloom. Half-hardy perennial; one foot high. Dark varieties, mixed, very choice. Pkt., 10c.

HOLLYHOCK.



HOLLYHOCK.

HOLLYHOCK.

Hardy perennial; five feet high.

Double, pure white, 10c.

Double, crimson, 10c.

Double, pink, 10c.

Double, lemon yellow 10c.

Double, mixed, 5c.

IPOMOEA.

Beautiful climbers, and exceedingly attractive mixed with other climbers. They are alike good for greenhouse, for pots and baskets, and for trellises, stumps, arbors, etc. Tender annual; five to 10 feet high. Pkt., 5c.

ICE PLANT.

(Mesembryanthemum Crystallinum). Handsome and curious plant for hanging baskets, rock work, vases and edgings. The leaves and stems are succulent and fleshy, and appear as though covered with ice crystals. Tender annual trailer; six inches high; white. Pkt., 5c.

LARKSPUR.

(Delphinium). The Larkspur is one of the handsomest and most useful of plants, and for large gardens invaluable.

DOUBLE DWARF ROCKET, mixed, hardy; 10 inches high. Pkt., 5c.

LOBELIAS.

Very dwarf plants, growing four to six inches high, and forming dense masses of flowers. Of easy culture, and well adapted for bedding, edging, pots or rockeries. Pkt., 5c.



MARIGOLD.

MARIGOLD.

MARIGOLD.

The African varieties are tall, growing usually two feet or more, while the French are more dwarf. Hardy annuals, in bloom till frost comes.

TAGETES SIGNATA PUMILA, bright yellow flowers; elegant dwarf habit; about one foot high. Pkt., 5c.

AFRICAN, DOUBLE MIXED. Pkt., 5c.

FRENCH, DOUBLE MIXED. Pkt., 5c.



MIGNONETTE.

MIGNONETTE.

MIGNONETTE.

If sown at intervals in spring and summer, it will be in bloom till killed by frost. Seeds sown in autumn will bloom early in spring. Hardy annual; one foot high.

GOLDEN QUEEN, golden yellow, very fragrant. Pkt., 5c.

RESEDA (Odorata Grandiflora), large flowered. The common Sweet Mignonette. Pkt., 5c.

PYRAMIDAL BOUQUET, forms a dense, short pyramid, the numerous branches being terminated by large spikes of red flowers. Good for pot culture and for the open border. Pkt., 5c.

MACHET, of dwarf and vigorous growth, throwing up numerous stout flower stalks, terminated by massive spikes of red flowers. One of the very best sorts for pot culture. Pkt., 5c.

MORNING GLORY.

(Convolvulus Major). Handsome, showy climber, of easy culture, and suitable for covering arbors, windows, trellises, old stumps, etc. It is so perfectly hardy as to grow in almost any soil. Hardy annual; 10 feet high. Pkt., 5c.

MORNING GLORY.



MORNING GLORY.

Dwarf. Of trailing, branching habit, each plant occupying a space of two feet. At midday, they are completely covered with a mass of most brilliant, many-colored blossoms, which remain open till evening. Half-hardy annual; one foot high. Mixed.

Pkt., 5c.

GIANT JAPANESE MORNING GLORY.

This **SPLENDID NEW STRAIN** of an old and universally popular flower is a **REAL ACQUISITION**, and one of the most valuable additions to the list of our summer climbers. The plants are vigorous, and the flowers are not only fully twice as large as the common sort, but are of a wonderful variety and beautiful color, presenting shades hitherto unknown, and markings of exquisite beauty. On some of the plants the foliage is beautifully variegated and tinged with white and yellow.

Pkt., 10c.

PANSY.



These lovely flowers are favorites with all, not only for the brilliancy and variety of their colors, but for the durability of their bloom.

EMPEROR WILLIAM, indigo, dark center.

Pkt., 5c.

KING OF THE BLACKS.

Pkt., 5c.

ODIER, or Large Stained; large, each petal blotched.

Pkt., 5c.

PURE YELLOW.

Pkt., 5c.

WHITE.

Pkt., 5c.

PURPLE, white-edged.

Pkt., 5c.

GOLD-MARGINED.

Pkt., 5c.

MAHOGANY-COLORED.

Pkt., 5c.

LORD BEACONS-FIELD; the ground color is purple violet, shading off in top petals only to a whitish hue.

Pkt., 5c.

SNOW QUEEN, also called Snow Flake; flowers of a delicate, pure white.

Pkt., 5c.



ODIER.

TRIMARDEAU, very large flowered, mixed an entirely distinct and beautiful race, with flowers of the richest and most varied shades of color.

Pkt., 5c.

LARGE FLOWERING MIXED.

Pkt., 5c.

NASTURTIUMS.

(*Tropaeolum Lobbianum*). The leaves and flowers are somewhat smaller than the ordinary Tall Nasturtium, but their greater profusion renders them superior for trellises, arbors, for hanging over vases, rockwork, etc.; the flowers are of unusual brilliancy and richness; they are also splendid for winter decoration in the greenhouse and conservatory.

MIXED TALL (*Lobbianum* Varieties).

Pkt., 5c; oz., 20c.



NASTURTIUMS--DWARF.

NASTURTIUM, DWARF.

(*Tropaeolum Minor*). A bed of Dwarf Nasturtiums in the yard is very brilliant and attractive, blooming all the season. Hardy annual; about one foot high; all colors.

Pkt., 5c; oz., 20c.

PHLOX.

PHLOX DRUMMONDI.

Large flowering; very hardy annuals, thriving in almost any situation. Seed sown in open ground in fall or early spring will begin flowering about July 1, and remain covered with bloom until frosts, late in the autumn. One foot high.

ALBA, pure white. Pkt., 5c.

FINE MIXED. Pkt., 5c.



PHLOX DRUMMONDI.

STAR-SHAPED PHLOX.

Star of Quedlinberg. Flowers of regular starlike form. Mixed colors.

Pkt., 10c.



PHLOX STELLATA.

PHLOX PERENNIAL.

The varieties of the perennial Phlox are among the choicest of our flowers for bedding and border plants. They are hardy and need no protection.

Pkt., 10c.



HEDDEWIG'S SINGLE.

PINKS.

(*Dianthus*). Hardy and half-hardy biennials and perennials, but nearly all blooming the first year from seed.

HEDDEWIG'S DOUBLE (*Chinensis* Heddewigii, fl. pl.), flowers very large and double, having a diameter of nearly three inches; of various shades of brilliant colors. Half-hardy annual.

Pkt., 5c.

HEDDEWIG'S SINGLE (*Chinensis* Heddewigii), flowers deeply fringed or feathered; one-half hardy annual.

Pkt., 5c.

DOUBLE DIADEM (*Chinensis* Heddewigii diadematus, fl. pl.). Very regular, densely double, and of all tints, from crimson-purple to a deep black-purple. One-half hardy biennial, blooming freely the first season.

Pkt., 5c.

PORTULACA.

Bloom from about the first of July till killed by the frost in autumn. Tender annual; nine inches high.

SINGLE, MIXED.
DOUBLE, MIXED.

Pkt., 5c.
Pkt., 5c.



POPPIES.

POPPIES.

POPPIES.

Double Flowering Poppies, carnation flower; a magnificent class, two to two and one-half feet high; large globular flowers often a foot in circumference; the petals are finely slashed and fringed; all colors.

Pkt., 5c.

SHIRLEY. The absence of black blood gives them their wonderfully light, bright, tissue-paper-like appearance. The colors range from purest white, through pinks of all shades, to glowing scarlet. Some are red with white edges, and others veined and streaked and flaked from the center toward the edges in the most charming confusion. Mixed colors; extra fine strain.

Pkt., 5c.

SALPIGLOSSIS.

SALPIGLOSSIS.

One of the most beautiful of flowering annuals, forming strong, bushy plants about 18 inches high, and bearing throughout the season large flowers three to four inches across, of many beautiful colors, all exquisitely veined and laced.

LARGE FLOWERING, mixed colors. Pkt., 5c.
SPLENDENS COMPACTA, bright scarlet.

Pkt., 5c.

SALVIA.

(Flowering Sage). Very ornamental; flowers borne in spikes of fiery red, and continue to bloom in open ground until after severe frosts. Start in heat and transplant into light soil, one or two feet apart.

Pkt., 5c.

SMILAX.

(Myrsiphyllum asparagoides). No twining plant in cultivation surpasses this for the graceful beauty of its foliage. The seeds germinate very slowly, sometimes requiring three or four months. Tender perennial climber; 10 feet high.

Pkt., 10c.



STOCKS.

STOCKS.

STOCKS.

To such perfection has selection brought them that good seed will give a large proportion of flowers as double and as large as the named sorts grown from cuttings.

DOUBLE GERMAN, 10 weeks, large flowering, mixed. Pkt., 5c.

DOUBLE GERMAN, 10 weeks, pure white, large flowering. Pkt., 10c.

INTERMEDIATE OR AUTUMNAL SORTS.

The Intermediate Stocks, if sown at the same time as the "Ten Weeks," will succeed them in bloom, thus affording flowers continuously until late in the fall. If sown in pots, late in the summer, they will bloom the following spring.

INTERMEDIATE, white. Pkt., 15c.
INTERMEDIATE, scarlet. Pkt., 15c.

Sweet Peas

These Prime Favorites

Are now grown on such an **EXTENSIVE SCALE** and sold at such **LOW PRICES** that no lover of flowers need stint himself in the use of them.

We present a list of **STANDARD SORTS** that have proved their worth, and several **NEW VARIETIES** that have been extensively advertised.

Please Note the Low Prices

And Special Offers on Packets.



EXTRA EARLY BLANCHE FERRY.

SWEET PEAS.

	oz.	¼ lb.	lb.
Adonis—Rose and carmine; small flowers	\$0.10	\$0.20	\$0.50
AMERICA.			
The brightest blood-red, striped....	.15	.35	1.10
Apple Blossom—Bright rose and pink; beautiful .....	.10	.25	.65
BLANCHE BURPEE.			
Largest pure white .....	.15	.35	1.25
Blanche Ferry—The popular pink and white .....	.10	.20	.50
BLANCHE FERRY.			
Extra early; fully 10 days earlier....	.10	.30	1.00
Blushing Beauty—Very fine, delicate pink; hooded form.....	.10	.20	.60
Boreatton—Very dark maroon, self-colored .....	.10	.20	.50
Butterfly—White laced with lavender .....	.10	.20	.50
Captain of the Blues—Purplish mauve and pale blue .....	.10	.20	.50
COUNTESS OF RANDOR.			
Pale mauve or lavender.....	.10	.20	.60
Delight—White, slightly crested with crimson .....	.10	.20	.50
Dorothy Tenant—Deep rosy mauve; beautiful .....	.10	.20	.60
EMILY HENDERSON.			
White; blooms early and profusely..	.10	.20	.50
Firefly—A deep, brilliant scarlet; truly a fiery shade.....	.10	.25	.70
Gaiety—Lively strips of crimson on white .....	.10	.20	.60
GRAY FRIAR.			
Most distinct; watered purple on white ground .....	.15	.35	1.25
Her Majesty—Large flowers of a beautiful rose color .....	.10	.20	.60
Indigo King—Deep maroon; nearly indigo .....	.10	.20	.50
JUANITA.			
New; large white flowers, with stripes and dashes of lavender..	.15	.35	1.25
KATHERINE TRACY.			
Soft but beautiful pink.....	.10	.30	1.00
Lottie Eckford—White ground, suffused with lavender blue.....	.10	.20	.60
MRS. ECKFORD.			
Beautifully shaded primrose yellow	.10	.20	.60
Mrs. Gladstone—A lovely, soft pink	.10	.20	.60
Mrs. Sankey—Flowers white, seeds black .....	.10	.20	.60
Primrose—Pale primrose yellow...	.10	.20	.60
RAMONA.			
A creamy white, daintily splashed with pale pink .....	.15	.35	1.25
Senator—Bright brown and chocolate, shaded and striped on white .....	.10	.20	.55
Stanley—Rich dark maroon; this is the finest dark variety.....	.10	.25	.75
The Queen—Mauve and pink.....	.10	.20	.55
Venus—Lovely salmon buff, shaded rosy pink .....	.10	.20	.60
ECKFORD'S HYBRIDS.			
Finest mixed .....	.10	.30	.50
Choice Mixed .....	.10	.15	.40
Any of above varieties, 5c per packet, postpaid; eight packets for 25c, postpaid.			

EVERLASTING PEAS.

A perennial climber, producing a succession of white, rose and purple blossoms, in clusters. Ten feet high. Mixed. Pkt., 5c.

SWEET WILLIAM.**SWEET WILLIAM.**

(Dianthus Barbatus). The seed can be planted very early in the spring, in open ground, and will blossom the following summer; or it can be sown in August, and will make fine blooming plants for spring. Hardy perennial; one and one-half feet high.

FINEST SINGLE MIXED.

Pkt., 5c.

FINEST DOUBLE MIXED.

Pkt., 5c.



VERBENA.

VERBENA.**VERBENA.**

No plant excels this for masses in beds on the lawn. If sown in open ground in May, they will bloom in August, but if started in the house in pots, in winter, they will be in bloom sooner. Half-hardy perennial trailer; one foot high.

FINEST MIXED, all colors. Pkt., 10c.

VIOLET.**VIOLET.**

(Viola). Well known, flowering, hardy perennial, easily grown from seed. Succeeds best in a partially shaded, moist situation. Height, six inches.

SWEET SCENTED, flowers blue.

Pkt., 10c.



WALL FLOWER.

WALL FLOWER**WALL FLOWER.**

(Cheiranthus Cheiri). Sow the seeds early, in hot-beds, and while the plants are small prick them into pots, and sink the pots in the earth. On approach of cold weather, remove the pots to the house, and they will bloom all winter. Tender perennial; one and one-half feet high.

EARLY BROWN.

Pkt., 5c.

DOUBLE MIXED.

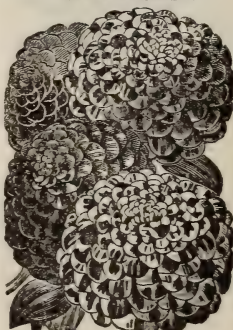
Pkt., 5c.

ZINNIAS.**ZINNIAS.**

For gorgeous summer and autumn display there is nothing that can equal in effectiveness the improved dwarf, compact-growing, large-flowering Zinnias; growing only two feet high and bearing flowers of immense size, perfectly double, showing no center, and as perfect in form as Dahlias.

CHOICEST MIXED.

Pkt., 5c.

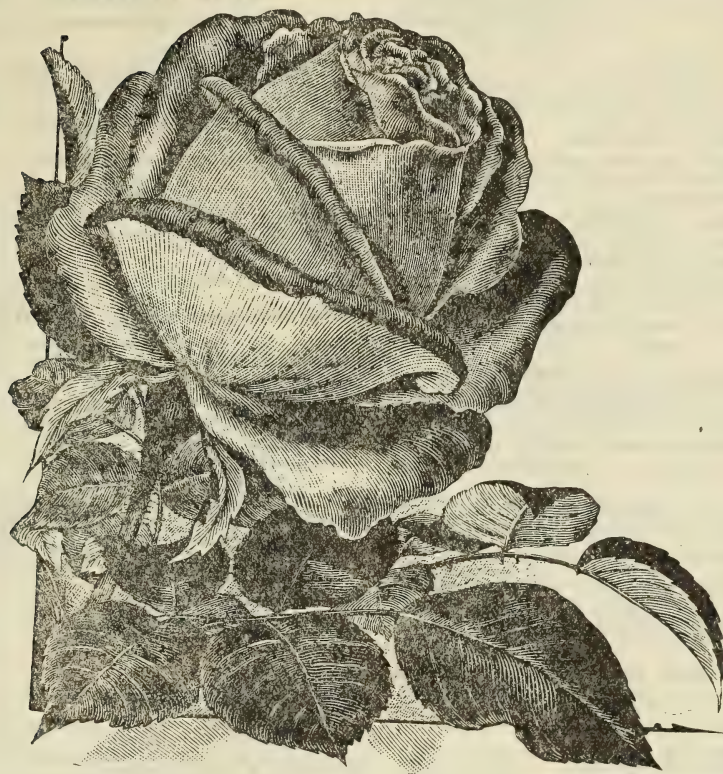


ZINNIAS.

**STANDARD FLOWER POTS.**

	Pots only.		Pots and Saucers.			Pots only.		Pots and Saucers.	
	Each.	Per Doz.	Each.	Per Doz.		Each.	Per Doz.	Each.	Per Doz.
2-inch	\$0.03	\$0.20			7-inch .....	.15	1.50	.23	2.25
3-inch .....	.04	.35			8-inch .....	.18	1.75	.25	2.60
4-inch .....	.05	.50	.08	.75	9-inch .....	.20	2.25	.30	3.35
5-inch .....	.08	.75	.12	1.10	10-inch .....	.30	3.25	.45	4.85
6-inch .....	.10	1.00	.15	1.50	12-inch .....	.50	5.00	.65	6.65
					15-inch	1.00	10.00	1.25	12.50

ROSES.



Our Roses are all grown in the OPEN AIR and on THEIR OWN ROOTS, and, consequently, are perfectly hardy and cannot throw up wild shoots.

The TWO-YEAR-OLD bushes are 18 to 24 inches high, according to variety, strong and well branched, and will produce flowers in a short time after planting. They are too large to be sent by mail and are sent by express at expense of the buyer.

Our ONE-YEAR-OLD plants are grown in 2½ and 3-inch pots. They are healthy and vigorous plants with an abundance of roots. These are sent by mail, postpaid, on receipt of price quoted.

All plants are distinctly labeled, and we guarantee safe arrival at destination. There is no reason why any one should send East for them and take the risks incident to the long journey across the continent.

We invite attention to our CHOICE SELECTION of Roses and other plants, with prices attached.

Prices of Roses, flowering plants and vines are for FREE DELIVERY by mail unless otherwise noted.

NEW TEA ROSES.

Price, 20 cents each; 2-year-old plants, 40 cents each.

BERTHA CLAVEL.

A striped sort from Malmaison; color, creamy white, with rose center.

BARON BERGE.

Color, light yellow, with a pink border to the petals; center bright China rose. One of the best new roses.

CATHERINE GUILLOT.

A fine, new sort, having quite large Austrian yellow flowers, sometimes suffused with rose and copper. Very beautiful in bud state and one of the freest flowering sorts.

CLARA WATSON.

Growth vigorous, with rich, healthy foliage. The extra large flowers are produced on long stems, are very double and of an exquisite shade of salmon pink. The graceful form, delicate color and rich fragrance will make this one of the most popular roses in the near future.

CLOTHILDE SOUPERT.

The outer petals are pearl-white, shading to a center of rosy pink.

GOLDEN GATE.

Creamy white; center and base of petals soft, golden yellow, exquisitely bordered with clear rose; buds long and pointed. One of the finest and most beautiful new roses.

MAMAN COCHET.

This is one of the most beautiful new Tea Roses that has been introduced in years. The growth is vigorous, with rich, healthy foliage and extra large flowers on long stout stems, very double and simply exquisite when in bud or half blown. The color is a deep rosy pink, the inner side of petals silvery rose; makes charming bunches of long-stemmed flowers when cut.

MOSELLA, OR YELLOW CLOTHILDE SOUPERT.

Mosella is a strong grower, flowers are a little larger than the Clothilde Soupert, but appear the same way in clusters and on single stems; the color is chrome yellow in the center, getting creamy white on the edges of the petals; perfectly hardy.

MEDLA.

Flowers bright lemon with canary center; of immense size and very double.

MADAME EDWARD HELFENBIEN.

The buds and flowers are globular and double, with petals of thick texture; color, chamois-apricot yellow, shaded with carmine rose and beautifully veined.

MAURICE ROUVIER.

Flowers of immense size and quite double and of splendid form; color, soft, tender rose, shaded and varied with red.

MOSELLA.

The new yellow-flowered Soupert Rose. Flowers creamy white, shaded to apricot yellow in the center.

POPE LEO XIII.

In line of old Niphetos; color, white, shaded with light yellow and salmon. Elegant long-pointed buds of grand size and substance.

PINK SOUPERT.

Our list of new varieties would, indeed, be incomplete without including this sterling new rose. The flowers take their form from Clothilde Soupert, but are a deep Hermosa pink in color.

SOUVENIR DE MAD. EUGENE VERDIER.

This is another fine new rose worthy of special mention. It has grand large double flowers, globular in shape, outer petals slightly recurring. Buds can all be cut with long, stiff stems and handsome foliage. Color, delicate creamy white, shaded to saffron yellow at the center. A very free and constant bloomer.

SENATOR McNAUGHTON.

The new white-flowered Perle des Jardins.

SOUVENIR D' ESPAGNE.

A grand new Tea Rose; color, coppery yellow and rose, beautifully blended; very fine in bud state. We regard this as one of our finest bedding roses, blooming as it does profusely all through the seasons.

NEW HYBRID TEA ROSES.

Price, 20 cents each; 2-year-old plants, 40 cents each.

BELLE SIEBRECHT.

A truly superb rose, the result of a cross between La France and Lady Fitzwilliams. A true solid pink of the richest shade; a rare color. The flowers are sweetly perfumed and large, beautifully formed, and of that long, tapering shape, with high center; and when half blown the petals reflex in a graceful manner. The buds (which are borne on strong, erect stems $1\frac{1}{2}$ to 2 feet long, are from $2\frac{1}{2}$ to 3 inches length, and when fully open the flowers are $5\frac{1}{2}$ to 6 inches in diameter, without showing the center. The flowers have great substance, some having been kept seven days without falling. It is a free and vigorous grower, with large and glossy foliage of leathery texture, entirely free from mildew. A most prolific bloomer, every growth producing a perfect flower.

KAISERIN AUGUSTA VICTORIA.

This is one of the grandest of all roses. It is a strong, vigorous grower, producing buds and flowers of enormous size. Color, pure white.

MADAME CAROLINE TESTOUT.

A grand new rose of the La France type, but with flowers larger and finer. Color, bright, satiny pink, very fragrant and free in bloom.

Princess Bonnie.

A cross between Bon Silene and Wm. F. Bennett. A rich solid crimson.

Souvenir de President Carnot.

Color, flesh white, shaded into warm pink. 25c.

NEW HYBRID PERPETUAL ROSES.

Price, 20c. 2-year old plants, 40c. each.

Countess of Roseberry.

Color, satin pink in the center, and deepens in the outer petals to a bright rose.

Earl of Dufferin.

Velvety crimson, shaded with dark maroon.

Gustave Piganeau.

Flowers extra large, bright red and brilliant carmine.

Glorie Lyonaise.

Chamois yellow, deepest at the center.

Marchioness of Lorne.

Rose color, slightly shaded in the center with vivid carmine.

Silver Queen.

Silvery-blush, shaded in the center with a delicate rosy pink.

Vick's Caprice.

Flowers large; color, soft pink, dashed with white and carmine.

NEW CLIMBING ROSES.

Price, 15c. 2-year old plants, 30c. each.

Crimson Rambler.

A decided novelty. The plant is a vigorous grower, making shoots from eight to ten feet long in a season. The color is a bright, vivid crimson. 20c.

The Yellow Rambler (Aglais).

One year only. 20c.

Pink Rambler (Euphrosyne).

One year only. 20c.

White Rambler (Thalia).

One year only. 20c.

Climbing Meteor.**Climbing Malmaison.****Climbing Capt. Christy.**

Color, peach pink.

Empress of China.**EVER-BLOOMING CLIMBING ROSES.**

Price, 10c. each, (except where noted). 2-year old plants, 30c. each.

Claire Carnot.

Buff or orange yellow, peach blossom center.

Climbing Devonensis.

Flowers golden yellow. 15c.

Climbing Perle des Jardines.

Flowers golden yellow.

Chromatella (Cloth of Gold).

Clear, golden yellow.

Elie Beauvillain.

Fine silvery rose, tinted coppery yellow.

Golden Chain, or Climbing Safrano.

(Reve'd Or.) Color, orange-yellow.

Glorie de Dijon.

A magnificent climber, and one of the finest varieties in existence. 15c.

La Marque.

Color, pure white.

Madame Alfred Carriere.

Color, rich creamy white, faintly tinged pale yellow.

Marcehal Neil.

A magnificent deep, golden yellow.

Mary Washington.

Pure white, perfectly double, very sweet.

Reine Marie Henriette.

Color, glowing crimson, elegantly shaded.

William A. Richardson.

Coppery yellow, flushed with carmine.

Waltham Queen.

Magnificent rich red flowers.

TEA ROSES.**STANDARD SORTS.**

Price, 10c. each, (except where noted). 2-year old plants, 30c. each.

Prices given are for strong plants, grown in $2\frac{1}{2}$ and 3-inch pots.

Arch Duchess Isabella.

White, shaded with rosy carmine.

Bridesmaid.

A fine, clear, dark pink.

Catherine Mermet.

Charming, in every shade of color from the purest silvery rose to the exquisite blend of yellow and rose which illumines the base of the petals.

Christine de Neve.

The new double-flowered Papa Gontier, an elegant deep red tea rose. 15c.

Coquette de Lyon (Yellow Hermosa).

A deep yellow rose, handsome buds and flowers.

Countess Eva Starhemberg.

Creamy yellow, shaded to ochre.

Charles Legrady.

Fine chamois red, shaded with violet crimson.

Comtesse Riza du Parc.

Bright carmine, with shadings of copper color.

Comtesse de Frigneuse.

A deep golden yellow, with a softer shade in side of petals. 15c.

Cornelia Cook.

Pure creamy white.

Devoniensis.

Creamy white, with rosy center.

Dr. Dussillet.

Clear yellow, shaded rose.

Dutchess Marie Salviati.

Chrome orange, shaded rosy flesh; center, pure saffron. 15c.

Dutchess de Brabant.

Soft rosy flesh, changing to deep rose, shaded amber and salmon.

Etoile de Lyon.

Sulphur yellow, deeper in the center.

Edouard Litfay.

Carmine-tinted amaranth, passing to pale rose.

General Robert E. Lee.

Deep orange yellow. 15c.

- Grace Darling.**
New tea rose; color, porcelain rose, elegantly shaded with vinous crimson. 15c.
- Homer.**
Beautiful folded buds, of a light rose color.
- H. M. Stanley.**
Beautiful amber rose, delicately tinged, apricot yellow. 15c.
- J. B. Varrone.**
Intense scarlet crimson, shaded with buff rose at the center.
- Luciola.**
Very bright carmine rose, tinted and shaded with saffron. 15c.
- La Princess Vera.**
Ivory white, beautifully shaded and veined with coppery yellow.
- Le Pactole.**
Sulphur yellow; beautiful both in bud and open flower.
- Mad'le Claudine Perreau.**
Rosy blush, passing to clear pink on white ground; rich crimson center.
- Madame de Wattville.**
Creamy white. 15c.
- Madame Etienne.**
Bright, rosy flesh, elegantly shaded.
- Madame Eli Lambert.**
Rich creamy white, faintly tinged with pale yellow.
- Madame Francisca Kruger.**
Deeply shaded coppery yellow.
- Madame Hoste.**
Creamy yellow, with deep buff yellow center.
- Madame Joseph Swartz.**
Pure white, elegantly tinged and shaded with pale yellow and rosy blush.
- Madame Martha du Bourg.**
Creamy pink, with rosy flesh center.
- Madame Philemon Cochet.**
Delicate pink shaded salmon.
- Madame Scipion Cochet.**
Pale rose, shaded with clear yellow.
- Madame Welche.**
Outside petals pale yellow, the center deep orange.
- Marie Guillot.**
Pure snow white.
- Marie Van Houtte.**
Straw color, outer petals washed and outlined with carmine.
- Marion Dingee.**
Brilliant crimson. 15c.
- Niphetos.**
Snow white. 15c.
- Papa Gontier.**
A magnificent red rose.
- Perle des Jardines.**
This magnificent yellow tea rose still retains its position as one of the finest and most beautiful roses of its color ever introduced.
- Rainbow.**
New striped rose, buds and flowers of large size; color, a beautiful shade of deep pink, distinctly striped and mottled.
- Senateur Loubet.**
Outer petals light rose color, center clear yellow, heightened to crimson.
- Sappho.**
Buds fawn color, shaded with rose; flowers shaded with yellow and tawny buff.
- Safrano.**
Apricot yellow, tinged orange and fawn.
- Souvenir de Victor Hugo.**
Lovely citron red, with beautiful amber and fawn shadings.
- Sunset.**
A rich, golden amber, or old gold, elegantly shaded with dark, ruddy copper.
- The Bride.**
White rose. The buds are very large and of exquisite form.
- The Queen.**
Pure snow white. 15c.

HYBRID TEA ROSES.

Price, 10c. each, (except where noted). 2-year old plants, 30c. each.

- Beauty of Stapleford.**
Bright pink color; shaded carmine.
- Duchess of Albany.**
A bright rosy pink, exquisitely shaded.
- La France.**
A silvery rose, changing to pink.
- Meteor.**
Dark velvety crimson.
- Triumphe de Pernet Pere.**
Magenta red, passing to bright crimson.
- Viscountess Folkstone.**
Tinted flesh, almost white, with beautiful satin finish. 15c.
- White La France.**
Beautiful pearly white.

HYBRID PERPETUAL ROSES.

Price, 10c. each, (except where noted). 2-year old plants, 30c. each.

- Baron de Bonstettin.**
Rich, dark red, passing to deep, velvety maroon.

- Baroness Rothschild.**
Bright rosy pink. Two years old only. 40c.
- Captain Christy.**
Pale peach, deepening at the center to a rosy crimson.
- Coquette des Blanches (Ball of Snow).**
Pure, snowy white.
- Coquette des Alps.**
A lovely pure white.
- Cheshunt Hybrid.**
Clear, silvery pink.
- Count of Oxford.**
Soft, rosy carmine, changing to silvery rose.
- Dinsmore.**
Dazzling scarlet crimson.
- Fisher Holmes.**
Rich scarlet, elegantly shaded with deep velvety crimson.
- Francois Levat.**
Soft China pink.
- Giant of Battles.**
A rich red rose. Very large.
- General Jacqueminot.**
Bright, shining crimson.
- Jean Liabaud.**
Intense dark crimson, almost black.
- La Reine.**
Clear, bright rose; very fragrant.
- Lady Helen Stewart.**
Scarlet crimson flowers.
- Madame Masson.**
Reddish crimson.
- Mabel Morrison.**
Of the purest white. Two years only. 40c.
- Madame Gabriel Luizet.**
Clear coral pink. 20c.
- Magna Charta.**
Pink, suffused with carmine.
- Mrs. John Laing.**
A soft, delicate pink, with a satiny tinge.
- Paul Neyron.**
Deep, shining rose.
- Prince Camille de Rohan.**
Dark, rich, velvety crimson, passing to maroon, shaded black.
- Perfection des Blanches.**
Large, pure white.
- Ulrich Brunner.**
A magnificent rose; extra large, bold flowers. Rich, glowing crimson, elegantly flamed with scarlet. 15c.
- Victor Verdier.**
Rosy carmine, edged with purple.
- White Baroness.**
A pure white Baroness Rothschild. Two years only. 40c.

MOSS ROSES.

2-year old plants, 30c. each.

- Comtesse de Murialis.**
One of the finest white varieties.
- De Luxembourg.**
Bright crimson scarlet.
- Glory of Mosses.**
Rosy carmine, shaded crimson.
- Henry Martin.**
Glossy-pink, tinged with crimson.

BOURBON AND CHINA ROSES.

Price, 10c. each. 2-year old plants, 30c. each.

- Crown Princess Victoria.**
Pure waxy white, sometimes tinted lemon.
- Champion of the World.**
Deep pink.
- Hermosa.**
Blooms in fine clusters; clear rose.
- Souvenir de la Malmaison.**
Rich, creamy flesh, changing to a lovely fawn with rose center.

CARNATIONS—(New).

Price, 15c. each; 4 for 50c.; 10 for \$1.00.

- Alaska.**
One of the finest of white carnations.
- Dr. Smart.**
Cream white, suffused and margined with bright crimson.
- Goldfinch.**
Lemon yellow, with a clear line of carmine defining the fringe of the petals.
- Kitty Clover.**
Light yellow, striped lightly with red.
- Lizzie Gilbert.**
Rich scarlet; flowers large and deeply fringed.
- Nellie Lewis.**
Color a beautiful flesh, flaked and splashed with dark pink.
- Jubilee.**
Color, richest shade of intense scarlet ever seen in a carnation.
- Madame Albertina.**
Light flesh and pink, with a strong clove fragrance.

Rose Queen.

This variety has been greatly admired wherever it has been seen for its beautiful, delicate shade of pink.

Storm King.

A magnificent white carnation.

Thos. Cartledge.

Brilliant carmine, slightly suffused with scarlet.

Western Pride.

Pure white, nicely penciled with clear pink. Very large and fragrant.

William Scott.

Delicate, rosy pink.

CARNATIONS.**STANDARD VARIETIES.**

Price, 10c. each; 14 for \$1.00.

American Flag.

Vivid scarlet and purest white.

Anna Webb.

Brilliant dark crimson, shaded with richest maroon.

Anna Weigand.

A beautiful, delicate shade of pink.

Daybreak.

A very pure, bright shade of flesh-pink, in a large, full-fringed flower.

Fred Creighton.

A soft, delicate pink; very clear.

Golden Gate.

The finest pure yellow yet introduced; color, pure golden yellow, without stripe or variegation of any kind; beautifully fringed.

J. R. Freeman.

Cardinal crimson.

J. J. Harrison.

Pearly white, delicately edged and striped pink.

Lizzie McGowan.

Flowers very large, pure white, beautifully fringed.

Mrs. Cleveland.

Salmon pink.

Louis C. Haettel.

Pure white; petals heavily fringed.

Mrs. Fisher.

Pure white.

Tidal Wave.

A very attractive shade of carmine.

Orange Blossom.

White, shaded with pink in the center.

Puritan.

Finest white; extra large size.

Portia.

Intense bright scarlet.

President Garfield.

A fine scarlet variety.

Silver Spray.

A pure white.

Starlight.

A beautiful shade of canary yellow.

NEW DAHLIAS.

Price, 15c. each; 4 for 50c. Green plants ready April 1st.

A. D. Livoni.

Soft shell pink.

Empress of India.

Rich crimson, shaded with maroon.

Frank Smith.

Deep blood red.

Hercules.

Golden yellow, striped and splashed dark red.

Helen Potter.

Blush white, variegated with pink.

Glare of the Garden.

Scarlet shaded crimson.

Gilded Gold.

Deep golden yellow.

Guiding Star.

Flowers pure white.

Hector.

Orange scarlet.

Ivory.

White flowers on stout stems.

Miss Dodd.

Lemon yellow, of perfect form.

Mrs. Hawkins.

Sulphur, shaded pink.

Nymphae.

Light shrimp pink, shaded darker.

Oriental (Cactus).

Pure golden yellow.

Sambo.

Rich crimson maroon, shaded black.

Triumph.

Bright pink; a beautiful shade.

FRENCH CANNAS.

Price, 15c. each, 4 for 50c.

Crown Jewel.

Rich deep yellow, evenly dotted with small bright scarlet points.

Flamingo.

Intense glowing crimson; a dwarf grower; an exceedingly free bloomer.

Madame Crozy.

Bright vermillion scarlet, bordered with deep golden yellow.

Queen Charlotte.

A bright orange scarlet, deeply edged with bright canary yellow.

La Favorite.

Snow white.

Le Prophete.

One of the finest double scarlet geraniums known.

Madame Ch. Dabouche.

Bright rose, shading to apple-bloom pink.

Monsieur Mathieu.

Crimson red, tinted with magenta, center orange, reverse of petals white.

Mary Hill.

The finest pure pink.

S. A. Nutt.

Rich, dark crimson.

MAMMOTH VERBENAS.

Price, 10c. each; 12 sorts, 75c.

FUCHSIAS.

Price, 10c. each, except where noted.

DOUBLE VARIETIES.**Esmeralda.**

Tubes and sepals bright red; corolla very large and double, of a beautiful lilac color, changing to clear rose.

Elm City.

Rich crimson sepals; corolla purple; dwarf habit.

Phenomenal.

The largest fuchsia that grows. Tube and sepals bright coral red; corolla rich violet purple.

Storm King.

Very graceful habit; bears double, white flowers.

White Giant.

Tube and sepals bright scarlet; corolla large, double and waxy white. 15c.

SINGLE VARIETIES.**Arabella Improved.**

Tube and sepals pure white; corolla rose color.

Earl of Beaconsfield.

Tube and sepals light rosy carmine; corolla deep carmine.

Countess of Aberdeen.

Flowers medium in size, with tube, sepals and corolla of a waxy white color, slightly tinged flesh. 20c.

General Roberts.

The corolla is a rich plum color; tube and sepals crimson.

Monsieur Thibaut.

Sepals dark red; corolla rose vermillion, tinted violet.

Trailing Queen.

Tubes and sepals rosy scarlet; corolla violet purple, changing to crimson. 15c.

CALLAS.**Ethiopia (Lily of the Nile).**

White trumpet-shaped flowers. 10c and 25c.

Little Gem (Dwarf).

Flowers pure white. 20c.

Richardia Maculata (Spotted Calla).

Light green foliage, beautifully spotted with white. Flowers white. 20c.

Arum Sanctum (Black Calla).

Large black flowers. An odd and valuable addition to any collection. 35c.

HELIOTROPES.

Price, 10c. each.

Albert Deleau.

Golden yellow foliage; deep lavender-colored flowers.

Le Glain.

Light blue, white eye.

Queen of Violets.

Deep violet purple, with white eye.

White Lady.

Flowers large, of the purest white.

BEGONIAS.

Price, 10c. each, except where noted.

Alba Picta.

Glossy green leaves, thickly spotted with silvery white; flowers white.

Argentea Gutatta.

Wine-colored leaves, oblong in shape, with silvery spots; white flowers on the tips of the stems.

Bertha de Chateaurocher.

Glossy green leaves and bright red flowers.

- Compta.**
Pink footstalks and satiny green leaves, with a silvery tinge along the mid-ribs. Price, 15c.
- Cuprea.**
Dark green velvety leaves. Flowers rosy white. Price, 15c.
- Duchartrei.**
Foliage lanceolate; sharply pointed, dark bronze-green on upper surface, reddish purple on under side; flowers pure white, nicely decorated with downy red hairs. Price, 20c.
- Diadema.**
The leaf is large and deeply lobed, giving it a very tropical appearance. Color, a rich olive green, handsomely spotted with white.
- Feastii.**
A low, spreading variety, producing large panicles of pink flowers.
- Incarnata.**
A vigorous growing variety; large panicles of pink flowers.
- Marguerite.**
Bronzy green, with purplish cast; large trusses of cream and rose-colored flowers.
- Metallica.**
Dark, rough leaves; surface lustrous bronze green; veins depressed and dark red in color. The panicles of unopened flowers are bright red; when open the flower is waxy white.
- President Carnot.**
Foliage large; upper side deep green, under side purple; flowers coral red. Price, 15c each.
- Rubra.**
Beautiful waxy green leaves and large panicles of coral red flowers.
- Semperflorens Gigantea Rosa.**
Leaves glossy green; flowers clear cardinal red. Price, 15c.
- Semperflorens Rosa.**
Flowers white in the center, shading to shell pink, distinctly margined with bright rose.
- Thurstonii.**
Rich metallic green above, bright red beneath; flowers bright pink. Price, 15c each.
- Vernon.**
The flowers are of an intense deep red color; the foliage is very abundant, stiff and glossy.
- Weltonleusis.**
A handsome flowering variety, producing lovely pink flowers.

LARGE FLOWERING JAPANESE CHRYSANTHEMUMS.

Price, 10c. each; 15 for \$1.00.

- Colonel W. B. Smith.**
Beautiful incurved flowers, forming a mass of rich golden bronze color.
- Charles Davis.**
Rich tawny yellow and golden bronze; very large reflexed petals.
- Edith Smith.**
A very large reflexed variety; color, beautiful creamy white.
- Elderdown.**
Color, a pure snow white, with broad, solid, incurving petals.
- Eugene Dailledouze.**
Color, deep golden yellow.
- Gorgeous.**
Deep golden yellow of the richest hue, of immense size.
- George W. Childs.**
Of immense size, and of the richest, deep, velvety crimson.
- Hicks-Arnold.**
Large, spherical-shaped flowers; deep golden bronze.
- Ivory.**
Snowy white, of perfect incurved form, very large.
- J. E. Lager.**
Very early yellow reflexed Japanese, of good size, color and substance.
- John Shrimpton.**
Velvety crimson.
- Louis Boehmer.**
Pearly pink, brighter in the depths.
- Mad. Bergman.**
Early white, coming into bloom the first week in October.
- Mayflower.**
White, very large, bold, incurved flower.
- Mrs. E. G. Hill.**
Extra early. Color, a pleasing shade of lavender pink.
- Marion Henderson.**
A handsome yellow variety of pure tint.
- Major Bonaffon.**
Soft, clear primrose yellow.
- Miss Gladys Spaulding.**
One of the very best whites ever produced.
- Mrs. Henry Robinson.**
Immense globe-shaped pure white flowers.
- Nivens.**
Snow white; center incurving, with outer petals reflexed nearly to the stem.

- President W. R. Smith.**
Color, flesh pink; fine for cut flowers.
- Philadelphia.**
A large, round, incurved Japanese flower, with grooved, pointed petals of great width.
- Robert M. Gray.**
Color, bronze and terra cotta of quaint shades.
- The Queen.**
The finest pure white in cultivation.
- Vivian Morel.**
Petals straight and loosely arranged; a beautiful light shade of pink.
- Yellow Queen.**
Color, soft chrome-yellow.

GERANIUMS.

Price, 10c. each; any 14 for \$1.00.

SINGLE-FLOWERED VARIETIES.

- Afterglow.**
Light salmon, blended with darker shades.
- Banquise.**
Trusses enormous, on very long stems; pure white throughout the season.
- Dr. Levanasseur.**
Immense trusses of large florets. The three lower petals are orange cerise, marked with lilac, which shades into cerise.
- Glorie Poitevine.**
Brilliant red, shaded orange, with white eye.
- James Kelway.**
A most beautiful crimson scarlet, of fine size.
- Mrs. E. G. Hill.**
Color, clear salmon, with a white center.
- Monsieur P. Olombel.**
Rich vermilion scarlet, shaded orange.
- M. V. Noulens.**
Clear white, with scarlet border.
- Mrs. J. M. Garr.**
A beautiful white variety.
- Sam Sloan.**
An extra fine velvety crimson.
- Soliel Cochaut.**
Large flowers of a yellow scarlet color.
- S. G. Cobb.**
The two upper petals are white one-half the distance from the center; the other half is bright pink; the other three petals are pink, dotted near the center with bright red.
- Souvenir de Mirandi.**
Upper petals creamy white, with a distinct rosy pink border; lower petals salmon rose, streaked with clear lilac.
- Trophee.**
Soft rosy flesh, tinted with dark lilac.

DOUBLE-FLOWERED VARIETIES.

- A. Fleurot.**
Dark garnet, with orange red marking.
- Bonnat.**
Fiery pink, very large and fine.
- Beaute Poitevine.**
Very large semi-double flowers, of a brilliant salmon color.
- Bruant.**
A fine bedding variety; color, bright vermilion red of the most pleasing shade. Six inches in diameter.
- Contraste.**
Lower petals orange and carmine, upper petals clear orange.

REX BEGONIAS.

Grown for the beauty of their foliage. We offer 20 of the most distinct and handsomely marked varieties, including Count Louis Erdody, and many other fine new sorts.

Price, 15c each; 4 for 50c.

TUBEROUS BEGONIAS.

Single varieties in five different colors—white, pink, red, crimson and yellow—15c each; the set of five for 55c. Double varieties, 30c each.

PELARGONIUMS.

These are commonly known as the Lady Washington geraniums. Price, 20c each; 3 for 50c.

- Beauty of Oxtou.**
The upper petals are very rich maroon, darkly blotched under petals very dark crimson; light center, and all the petals margined with white.
- Carnival.**
White, picoteed with carmine and blotched crimson.
- Dr. Masters.**
Rich crimson, with very large black blotches.
- Kingston Beauty.**
Pure white, with dark blotches and beautifully fringed.

Mabel.

Velvety pink, petals blotched blackish maroon and crimson lake.

Madame Thiebaut.

Blotched and marbled rose on white ground. Large, white center, and edges of petals also white.

Madame Vibert.

The blotches are blackish maroon, bordered with red, while the entire flower is edged with rose.

Mrs. Robert Sandiford.

A new fluted and ruffled pure white variety.

Occident.

Rosy lilac, feathered and blotched with crimson.

PANSIES.

The plants which we offer are raised from the finest strains of seed, and our customers have the assurance that they are getting the BEST.

Price, 5c each; 50c per doz.

COLEUS.

The best ornamental foliage plants for summer bedding. Their varied tints of crimson, gold bronze and green, richly blotched, veined or margined, produce a brilliancy of color unequalled. Our collection embraces more than 25 beautiful sorts, all of them new and very choice ones.

Price, 10c each; 16 for \$1.

MISCELLANEOUS PLANTS.**Agatha Celestis (Blue Daisy).**

Flowers daisy-shaped, of a delicate light blue color, with a yellow disc. Price, 10c each.

Anthericum Variegatum.

A valuable decorative house plant. The foliage is beautifully striped and margined with creamy white. Price, 15c each.

Aloysia Citriodora (Lemon Verbena).

Noted for its delightful fragrance of foliage. Price, 10c each.

Asparagus Tenuissimus.

A climber of extreme value. Its lovely foliage has been described as "so much emerald mist," yet it is of wire-like strength and endurance when cut. Price, 15c each.

Cyperus Alternifolius (Umbrella Plant).

Rush-like stems, with long, narrow leaves radiating from the summit at right angles, in umbrella form. Price, 10c each.

Farfugium Grande (Leopard Geranium).

The leaves are of thick, leathery texture, dark green in color, with bright yellow spots. Price, 25c each.

Ferns.

The lightest and most graceful of plants, growing well in the shade. Several fine sorts. Price, 25c each.

German Ivy.

A vine of rapid growth, with glossy green foliage. Price, 10c each.

Grevillea Robusta (The Silk Oak).

A magnificent plant for decorative purposes, of rapid, easy growth, finely cut foliage, rivaling a rare fern. Price, 15c and 25c each.

Ipomea Grandiflora (Moon Flower).

The flowers are immense, pure white, sweet-scented, borne very profusely, and, as they open at night, are very striking. Price, 10c each.

Impatiens Sultan.

Flowers single, of the richest carmine magenta color. Price, 10c each.

Lycopodium (Chinese Moss).

A beautiful moss, creeping in dense masses over the soil; loves moisture and shade. Price, 10c each.

Mesembryanthemum Grandiflora.

Very large pink flowers. Price, 10c each.

Marguerites (Paris Daisies).

Two sorts, yellow and white. Price, 10c each.

Manettia. Bi-Color.

A beautiful, free-growing vine, with small flowers of a rich, fiery scarlet, shading off into a bright yellow. Price, 10c each.

Mexican Primrose.

Free-flowering plant of low, spreading growth. Flowers about two inches in diameter, of a clear pink color, veined with scarlet, and with a white center. Price, 10c each.

Oxalis Ortigesi.

A fine plant for house culture, growing about a foot high, having great numbers of star-shaped golden yellow flowers. Price, 15c each.

Primula. Chinensis (Chinese Primrose).

One of the best of all the plants for winter flowers. Price, 10c each.

Saxifraga Tormentosa.

The beefsteak or strawberry geranium. Price, 10c each.

Smilax.

A graceful climber, having delicate and dense foliage. Price, 10c each.

Salvia Splendens.

Among the finest summer-blooming plants, bearing long spikes of scarlet flowers. Price, 10c each.

Tradescantias (Wandering Jew or**Joseph's Coat).**

Excellent basket and vase plants, with beautifully marked foliage. We have two varieties. Price, 10c each.

HARDY PLANTS.**Double English Primroses.**

Pretty, low-growing, hardy plants, bearing large beautiful flowers, singly, on stout stems. We offer the two sorts for 30c net.

Double White.

Beautiful double white flowers in wonderful profusion. Price, 15c each.

Double Yellow.

The flowers are of a bright canary yellow color. Price, 20c each.

Deans' New Hardy Hybrids.

Producing myriads of flowers in the richest shades of yellow, pink, crimson, etc. Price, 15c each; 4 sorts, 50c.

Achillea, The Pearl.

A choice new plant, bearing pretty white flowers in the greatest profusion. Price, 10c each.

Japanese Anemones.

One of the finest hardy herbaceous plants. They commence to open their handsome single flowers in August, and continue to increase in beauty until cut by frost. Two sorts, pink and white. Price, 15c each; two sorts, 25c.

Chrysanthemum. Maximum.

The giant moon-penny daisy, with pure white flowers, four inches in diameter. Price, 10c each.

Coreopsis. Lanceolata.

Bearing profusely large, golden yellow flowers on long stems. Price, 10c each.

Gaillardia. Grandiflora.

Large flowers, having a red-brown center and petals marked with rings of crimson, orange, vermillion, etc. Price, 15c each.

Helianthus. Multiflorus Plenus.

Flowers four inches in diameter, as double as any dahlia, and cover the plant from the ground to the top. Color, bright golden yellow. Price, 10c each.

Myosotis. Palustris (Forget-Me-Not).

A hardy spring-blooming plant, bearing lovely light blue flowers. Price, 10c each.

Mountain Fleec.

A useful fall-flowering plant, with great panicles of white flowers. Price, 15c each.

Hardy Pink. Her Majesty.

Equals the carnation in size and substance. Pure white, very double. Price, 10c each.

DOUBLE VIOLETS.**Marie Louise.**

Large, double, deep blue flowers, intensely fragrant. Price, 10c each.

Swanley White.

Double; white; very floriferous. A sport from Marie Louise. Price, 10c each.

Alaska.

Enormous double flowers, of a deep blue-black color and powerful fragrance. Price, 10c each.

The California.

Flowers single, of gigantic size, often as large as a dollar, and on stems nearly a foot long. Color a very rich shade of blue, and extremely fragrant. Grand novelty. Price, 10c each.

HARDY FLOWERING SHRUBS.**Altheas.**

One of the most showy and beautiful flowering shrubs. They are of the easiest cultivation growing erect and flowering profusely.

Alba Plena.

A beautiful double white variety. Price, 30c each.

Rosea Plena.

Large, perfectly double, rose-colored flowers. Price, 30c each.

Azalea. Mollis.

The blossoms vary in color from intense crimson to lemon yellow. Price, large plants, only 60c each.

Berberberry. Thunbergii.

A new Japanese shrub, bearing pretty yellow flowers, followed by crimson berries, remaining on the branches all winter. Price, 30c each.

Calycanthus. Floridus.

The well-known sweet-scented shrub, bearing a profusion of fragrant purple flowers. Price, 30c each.

Dentzia. Crenata Fl. Pl.

Flowers double; white, tinged rose on outside of petals. Price, 30c each.

Candissimus.

A fine variety, producing an abundance of pure white, double flowers. Price, 30c each.

Gracilis.

A very desirable dwarf variety; beautiful pure white bell-shaped flowers. Price, 30c each.

Elegans. Longpipes.

A beautiful fruitbearing ornamental shrub from Japan. Yellow flowers appear in June, on long stems, but its greatest value is in the fruit, which ripens in August; oval in shape and deep orange in color. Price, 40c each.

Hydrangea. Red Branched.

A grand variety, producing flowers in immense trusses; color, deep rose or cherry. Price, 15c each.

Hydrangea. Paniculata Grandiflora.

The finest hardy shrub in cultivation. It grows three or four feet high. Blooms in July. The flowers are pure white, afterwards changing to pink. To secure the finest flowers, prune severely early in the spring. One-year-old plants, 15c; 2-year-old, 30c.

Hypericum. Moserianum.

It is marvelously free-flowering, of large size, measuring from two to two and one-half inches in diameter; in color a rich golden yellow. It is perfectly hardy, forming a bush about three feet high. Price, small plants, 20c each.

Lilac. Purple.

Immense heads of beautiful purple flowers; very sweet. Price, 30c each.

Vulgaris. White.

Beautiful pure white flowers. Price, 30c each.

Japanese Magnolias.

Rare and choice small trees. Their elegant habit and foliage alone would render them indispensable, but the flowers, their crowning beauty, are unequalled, in size and showy effect, among hardy trees and shrubs. Price, \$1.50 each.

Philadelphus. Aurea.

A shrub of medium size, with golden yellow foliage and fragrant white flowers. Price, 30c each.

Flora Plena.

A dwarf variety, with double, cream-colored flowers. Price, 30c each.

Spiraea. Bumalda.

A handsome new Japanese variety of dwarf, compact habit, covered during the summer and fall with a mass of bright rose-colored flowers; fine and distinct. Price, 30c each.

Blue Spiraea.

This very valuable autumn-bearing plant is a native of China. It is easy to grow, and blooms abundantly. Its color is of azure blue, and flowers luxuriantly in a pot or in the open ground. Price, 15c each.

Fortunii.

Rich, attractive foliage; rose-colored flowers during the summer; one of the best varieties. Price, 30c each.

Van Houtte.

Covered in June with a mass of large white flowers, making a beautiful appearance. Price, 30c each.

Viburnum. Opulus.

The well-known Snowball, with globular clusters of white flowers. Price, 30c each.

Wiegelia. Candida.

Beautiful white flowers; a continuous bloomer. Price, 30c each.

Rosea.

A fine shrub, bearing rose-colored flowers in May and June. Price, 30c each.

Paeonies.

Twelve distinct varieties, embracing all shades of white, pink, crimson, etc. Strong plants. Price, 30c each; 3 for 75c.

Perennial Poppies. Royal Scarlet (Oriental Poppy).

The flowers appear in early summer, are six and eight inches across, and of a rich orange scarlet color, with a black blotch at the base of each petal. Price, 15c each.

Naudicaule (Iceland Poppy).

Hardy plants, bearing cup-shaped flowers in shades of white, yellow and scarlet. Price, 15c each.

HARDY CLIMBING PLANTS.

Amphelopsis. Veitchii.

The leaves resemble in shape the English ivy, of a bright green color, changing in the fall to the most vivid autumn tints, gold, purple and scarlet. It clings tenaciously to wood, brick and stone alike. Price, 20c each.

Clematis.

Bearing large and beautiful flowers, of various shades of color. Price, strong plants, 75c each.

Duchess of Edinburg.

A free-flowering double white variety, with medium-sized flowers.

Henryi.

Fine, large, creamy white flowers.

Jackmanii.

Intense violet purple, with a rich velvety appearance, distinctly veined.

Lady Caroline Neville.

Color, delicate blush white, with a broad, purplish lilac band in the center of each sepal.

Ramona.

Flowers very large; color, a deep sky blue.

Viticella Kermisinus.

Flowers of medium size and of bright wine-red color.

Paniculata (New, Sweet-Scented Japan Clematis).

A vine of very rapid growth. The flowers are of medium size, pure white, of a most delicious fragrance. These flowers appear in September, at a season when very few other vines are in bloom. Price, 15c each; extra strong 2-year-old plants, 30c.

Honeysuckles. Golden-Leaved.

Leaves interlaced with golden yellow veins; with exquisitely fragrant flowers. Price, 10c each; large plants, 30c each.

Chinese Evergreen.

Sweet-scented white flowers; holds its foliage late. Price, 10c and 30c each.

Halleana.

Flowers white, changing to yellow. Price, 10c and 30c each.

Ivy. English.

Thick, leathery, evergreen leaves; a very desirable climber. Price, 10c and 30c each.

Wisterias. Chinese Blue.

Immense clusters of blue flowers in the spring. Price, 35c each.

Chinese White.

Like the preceding, but having pure white flowers. Price, 50c each.

SPECIAL COLLECTIONS OF ROSES AND FLOWERING PLANTS.

MARECHAL NEIL COLLECTION OF CLIMBERS.

Seven for 50c., postpaid.

Marechal Neil	La Marque
W. A. Richardson	Rene de Or
Elie Beauvillain	Climbing Devoniensis
Rene Marie Henriette	

THE CARNOT COLLECTION.

Six Beauties for \$1.00, postpaid.

Souvenir de President Carnot	Catherine Guillot
Souvenir Madame Eugene Verdier	Clara Watson
Climbing Meteor	
Moselle	

PRINCESS COLLECTION.

For descriptions see general list. Six New and Choice Roses for 75c., postpaid.

Princess Bonnie	Pope Leo XIII
Dr. Dussilet	Baron Berge
Maman Chochoet	Media

THE 4 RAMBLERS COLLECTION.

One each of these four Ramblers for 60c, postpaid.

CRIMSON	WHITE
YELLOW	PINK

For further descriptions of these unique novelties see general heading of NEW CLIMBING ROSES

DUCHESSE COLLECTION.

Fourteen Choice Roses for \$1.10, postpaid.

Duchesse de Brabant	Souvenir de Victor Hug
Papa Gontier	Madame Elie Lambert
Catherine Mermet	Archduchess Isabella
Perle de Jardines	Madame Francis Krug
Marie Van Houtte	The Queen
La France	Madame Scipio Cochet
White La France	The Bride

CAPT. CHRISTY COLLECTION.

Seven Hybrid Perpetual Roses, 60c., postpaid.
For description see general list.

Captain Christy	Paul Neyron
General Jacqueminot	Ulrich Brunner
Coquette de Blanches	Couness of Roseberry
Glorie de Margottin	(New)

THE SWEET SIXTEEN COLLECTIONS.

\$1.00 each.

No. 5—Sixteen Ever-Blooming Roses.

Adapted for planting in the open ground; all are continuous bloomers, quite distinct from each other, and each a gem in its way. Any person in this favored section of the country can, by planting the collection, have beautiful rosebuds from May to November.

No. 6—Eight double and Eight Single-Flowered Geraniums.**No. 7—Sixteen Choice Chrysanthemums.**

All forms and shapes, as well as every conceivable shade of color are represented in this collection.

No. 8—Fourteen Everblooming Carnations.

All fine sorts, beautifully fringed and possessing the delightful clove fragrance.

No. 9—Eighteen Fine Coleus.

Will make a beautiful bed.

No. 10—Twenty-five Pansy Plants.

From our magnificent strain, with large flowers and exquisite colors.

No. 11—Eight Pelargoniums.

Choice regal and show varieties.

No. 12—Sixteen Fuchsias.

Double and single-flowered varieties.

CUT FLOWERS.

In loose cut flowers the following prices are an average:

	Per dozen.
Hyacinths	\$1.00
Boutonnieres	1.00
Violets, per bunch .....	.35
Smilax, per string .....	.50
Corsage Bouquets, each	\$0.50 to 2.00
Bride's Bouquets, each	1.50 to 3.00
Roses, any color	1.00 to 2.00
Carnations, any color .....	.50 to .75
Chrysanthemums	1.00 to 4.00
Callas	2.00
Easter Lilies	2.00
Daffodils .....	.50
Lily of the Valley	1.00

JAPAN LILY BULBS.

Our own importation.

Lilium Auratum.

The beautiful Golden-Banded Lily of Japan, and one of the grandest plants in cultivation. The bulbs we offer are very large, and will produce from five to ten flowers the first season, and, when well established, from ten to fifty.

Price, 20c each; \$2 per doz.

Longiflorum.

A fine white trumpet-shaped lily; very fragrant.

Price, 15c each; per doz., \$1.50.

Lilium Speciosum Album.

Pure white, with a greenish band through the center of petals. Price, 20c each; per doz., \$2.

Lilium Speciosum Rubrum.

White, shaded and spotted with rose or carmine.

Price, 20c each; per doz., \$2.

The following lilies are natives of the Pacific coast, and comprise some of the most beautiful lilies. Thousands of these bulbs are annually shipped away. They deserve a greater popularity at home.

Lilium Washingtonium.

Blush white, with small pinkish dots, very fragrant; profuse bloomer.

Price, 15c each; per doz., \$1.50.

Lilium Columbianum.

Bright orange red, with dark maroon spots; foliage very dark, glossy green.

Price, 15c each; per doz., \$1.50.

Lilium Paradalium (New).

Center of flower bright orange red; upper end of petal crimson; very beautiful.

Price, 25c each; per doz., \$2.50.

Lilium Humboldtii.

Large; orange color, with dark brown spots.

Queen of the orange-colored lilies.

Price, 20c each; per doz., \$2.

Lilium Bloomerianum.

Orange color; profuse bloomer.

Price, 20c each; per doz., \$2.

Lilium Rubescens.

A type of the Washingtonianum; color more pinkish purple. Very fragrant.

Price, 15c each; per doz., \$1.50.

Lilium Parryii.

Delicate lemon yellow.

Price, 25c each; per doz., \$2.

DUTCH BULBS.

We have on hand a few choice bulbs, which we offer at the following

LOW PRICES

As long as the stock holds out:

	Postpaid doz.
Hyacinths, selected .....	.75c
Tulips .....	.25c
(100 by express, \$1.50.)	
Crocus .....	.10c
Narcissus (or Daffodils) .....	.25c
Jonquils .....	.15c
Snowdrops .....	.15c
Ranunculus .....	.10c

"Rose Leaf" is a perfectly pure, highly concentrated aqueous extract of Tobacco, always uniform in strength of nicotine poison.

Pint bottle	\$.30
Quart bottle .....	.50

Fruit and Ornamental Trees, Shrubs, VINES, ETC.

The stock we offer for sale is strictly first class, free from disease and insect pests, and is grown by experienced nurserymen. Our prices are cheap for choice stock, which is the only quality we carry.

APPLES.

	Each.	Per 10.	Per 100
Two years .....	.15c	\$1.00	\$8.00
One year .....	.10c	.80	6.00

SUMMER.**Early Harvest.**

Medium size, pale yellow.

Red Astrachan.

Large, red, acid.

Golden Sweet.

Pale yellow, very sweet.

Red June.

Medium, deep red, early bearer.

Gravenstein.

Large, striped, juicy and high flavored.

AUTUMN.**Duchess of Oldenberg.**

Streaked red and yellow.

Fall Pippin.

Very large, yellow.

Glori Mundi.

Very large, greenish yellow.

King of Tompkins County.

Large, red, sub-acid.

Rambo.

Medium, yellow, streaked with red.

Seek No Farther.

Slightly russeted, dull red stripes.

Twenty-Ounce.

Large, yellow, striped with red.

Red Beitigheimer.

Very large, red, sub-acid.

Waxen.

Pale yellow, quite acid.

WINTER.

- Ben Davis.**
A large, handsome, striped apple.
- Baldwin.**
Large, bright red, sub-acid.
- Blue Pearmain.**
Very large, dark purplish red.
Shaded red on yellow ground.
- Esopus Spitzenberg.**
Large, light red, sub-acid.
- English Russet.**
Medium size, dull russet.
- Lady Apple.**
Yellow, with bright red cheek.
- Jonathan.**
Red and green; one of the best.
- Lawyer.**
Large, brilliant red; a great keeper.
- Mann.**
Yellow, mild, sub-acid.
- Northern Spy.**
Roundish, striped with red.
- Red-Cheek Pippin.**
Large, red cheek, on yellow ground.
- Rome Beauty.**
Large, red, very handsome.
- Rox Russet.**
Medium to large, greenish russet.
- Rhode Island Greening.**
Large, greenish yellow.
- Swaar.**
Large, golden yellow.
- Winesap.**
Dark red, flesh yellow.
- W. W. Pearmain.**
Very large, pale yellow.
- Walbridge.**
Medium, yellow, shaded red.
- Wolf River.**
Red, exceeding fine quality.
- Y. N. Pippin.**
Large, yellow, good keeper.
- Yellow Bellflower.**
Large, pale yellow, good keeper.
Two years, \$1.50 per 10; \$10.00 per 100.

CRAB APPLES.

- | | | |
|----------------|---------|----------|
| | Per 10. | Per 100. |
| Two years..... | \$1.50 | \$10.00 |
- General Grant.**
Large, yellow, but red on the sunny side.
- Hyslop.**
Deep crimson, very popular, large size.
- Siberian.**
Large and of a beautiful golden yellow.
- Transcendent.**
A beautiful variety of the Siberian.

QUINCES.

25c. each, or 5 for \$1.00.

- Apple or Orange.**
Large, roundish, bright golden yellow; cooks tender, and is of excellent flavor; very productive, and most popular variety known.

PEARS—Standard Varieties.

SUMMER.

- | | | |
|-----------------------------------|---------|---------|
| | Per 10. | Per 100 |
| One year, three to four feet..... | \$0.80 | \$6.50 |
| Two years, selected | 1.25 | 8.50 |
- Bartlett.**
Large, juicy, high flavored.
- Clapp's Favorite.**
Large; resembles the Bartlett.
- Lawson.**
Large, crimson, on yellow ground.
- Madeline.**
Medium size, juicy and sweet, very early.

AUTUMN.

- Buerre D'Clairgeau.**
Very large, yellow, shaded red.
- Beurre D'Anjou.**
A large, yellow pear, with red cheek.
- Fall Butter.**
A round pear, yellow, juicy and good.
- Louise B. D'Jersey.**
Greenish yellow, with bright red cheek.
- Seckel.**
Small, rich yellowish brown.

WINTER.

- Easter Beurre.**
Large, pale yellow, dull red cheek.
- Pound.**
Monstrous and very showy, yellow, red cheek.
- Vickar.**
Large, pale yellow, with good, sprightly flavor.
- Winter Nellis.**
Medium size, dull russet.

PEAR SPECIALS.

SUMMER.

- | | | |
|-----------------|-------|--------|
| | Each. | Per 10 |
| One year | .15c | \$1.25 |
| Two years | .25c | 2.00 |
- Le Conte.**
Seedling of the Chinese sand pear; large, skin smooth, pale yellow; very vigorous and productive.
- Japan Golden Russet.**
Similar to Winter Nellis, but larger; of a dull, russet color, as indicated by its name; a desirable addition to any orchard.

WINTER.

- Kiefer's Hybrid.**
Fruit of fine size, rich color and good quality; brings high prices in competition with others; tree very vigorous and a great grower.
- Lincoln's Coreless.**
Large; green until thoroughly ripe, when it changes to a yellowish green; flesh rich yellow, juicy, and of a delicate aromatic flavor; no seeds and no core.

PEACHES.

- One year, four to six feet, per 10, \$1.50; per 100, \$10; per 1,000, special prices on application.
- Alexander.**
The best very early freestone.
- Early Crawford.**
A fine, large, yellow peach.
- Late Crawford.**
Similar to Early Crawford, but fruits later.
- Hale's Early.**
Medium size; greenish white, with red cheek; flesh white, melting, juicy and sweet; tree healthy and productive.
- Foster.**
Large, yellow, early.

APRICOTS.

- | | | |
|-------------------------------------|---------|---------|
| | Per 10. | Per 100 |
| One year old, four to six feet..... | \$2.00 | \$17.00 |
| Two years old | 2.50 | 20.00 |
- Moorpark.**
One of the largest, most popular and widely disseminated apricots; flesh firm and parts freely from stone; juicy and rich in flavor.
- Breda.**
Small, round, dull orange, red in the sun.
- Russian.**
An extremely hardy variety; large, sweet and very productive.

CHERRIES—Standards.

- | | | |
|-----------------------------------|---------|---------|
| | Per 10. | Per 100 |
| One year, three to five feet..... | \$0.80 | \$6.50 |
| Two years | 1.25 | 10.00 |
- Bing (New).**
Originated in Oregon; fruit large, dark brown or black; flesh very firm; one of the best shipping cherries known.
- Black Tartarian.**
Large; bright purplish black; flesh purplish; thick, juicy, rich and delicious.
- Black Republican.**
An old and well-known variety.
- Governor Wood.**
Large, light yellow, shaded with red.
- Kentish.**
Medium size, dark red, juicy, sprightly flavor. It is safe to say that this is the best acid cherry for cooking and canning. Tree a slender grower, but very hardy, and bears a good crop every year. The fruit commands the top price in market, and there is never enough to supply the demand.
- Late Duke.**
Large, light red; a tart cherry.
- May Duke.**
Large, red, juicy and rich.
- Royal Anne.**
A magnificent late cherry of the largest size; pale yellow, with bright red cheek.

CHERRY SPECIALS.

- One year, each, 30c; per 10, \$2.50; 100 or more, quotations on application.
- Two years, each, 60c; per 10, \$5; 100 or more, quotations on application.
- Hoskins.**
Another Oregon cherry, large in size, dark brown in color, very rich and juicy; a new variety well worth trying.
- Lambert (or Pride of Oregon).**
A new cherry of great merit; large, dark, tender and high flavored. No cherry has been more called for the past two years, and we are pleased to say we have a good stock, from which we will fill orders in order received as long as the stock holds out.

PLUMS.

One year, four to six feet, per 10, 75c; per 100, \$5; per 1,000, special prices on application.
Two years, per 10, \$1; per 100, \$7; per 1,000, special prices on application.

Bradshaw.

Very large, dark violet red.

Blue Damson.

Small, roundish, oval, dark purple.

Columbia.

Very large, round, brownish purple.

Green Gage.

Small, but of highest excellence; round, greenish yellow, with brown dots; very juicy and sweet.

Peach Plum.

Very large, roundish, brownish red, juicy, pleasant and sprightly flavor.

Reine Claude.

Large, greenish yellow, spotted with red.

Yellow Egg.

A large and beautiful egg-shaped yellow plum.
One year, four to six feet, per 10, 70c; per 100, \$6; per 1,000, special prices on application.

PRUNES—Standard Varieties.

Two years, per 10, \$1; per 100, \$8; per 1,000, special prices on application.

Golden.

Light golden color, exquisite flavor and an extra good dryer.

Hungarian (Grosse Prune, Pond's Seedling).

Very large, dark red, juicy and sweet.

Italian.

Medium size, oval, dark purple.

Petite.

Medium size, reddish purple, juicy and sweet.

Silver.

Said to be a seedling from Coe's Golden Drop, which it resembles.

PRUNE SPECIALS.

30c each, or 2 for 50c.

Pacific.

Originated in Oregon; tree hardy and a good producer; fruit freestone, very large and handsome; flavor the finest, rich and sugary; a first-class shipper and dryer.

CURRENTS.

Two years old, per 10, 50c; per 100, \$3.

Black Naples.

Very large, black, rich and tender.

Cherry.

Very large, deep red, plants erect.

Fay's Prolific.

A cross between Cherry and Victoria; large size.

Victoria.

Berries medium size, brilliant red and of highest quality.

White Grape.

Very large, yellowish white.

STRAWBERRIES.

Postpaid, per doz., 20c; per 100, 50c; per 1,000, \$4.

Clark's Seedling.

The great Hood River shipping berry.

Triumph.

A large, red berry, irregular in shape.

Wilson.

An old favorite; one of the best for the table or for canning.

STRAWBERRY SPECIAL.

Postpaid, per 10, 30c; per 100, \$2; per 500, \$3.50; per 1,000, \$5.

Magoon.

This superb berry is another product of the celebrated Mount Tabor district, and is undoubtedly superior to any berry known. The vines are large, with strong roots, and will produce a crop under circumstances that would damage or destroy almost any other vine. In addition to this valuable trait, the berry itself is everything that can be desired—large, smooth, firm in flesh, and of a bright, rich red. Indeed, it is an ideal berry.

GOOSEBERRIES.

Two years, per 10, 50c; per 100, \$3.50.

Corliss.

Large, greenish yellow; a good, healthy grower, and very productive.

Industry.

Said to be the best English gooseberry yet introduced; berries large, dark red, hairy, rich and agreeable; a great cropper.

Oregon Champion.

A new variety; fruit large and round; an immense bearer and free from mildew.

RASPBERRIES.

Per 10, 50c; per 100, \$3.

Cuthbert (Queen of the Market).

The largest, handsomest and best red raspberry grown.

Red Antwerp.

Large, dark red, with large grain covered with a thick bloom.

BLACKBERRIES.

Per 10, 50c; per 100, \$3.

Early Harvest.

Exceedingly early and always reliable.

Kittatunny.

Large, black, sweet and soft clear through when ripe.

Lawton.

Fruit large; ripens late; very productive.

GRAPES.

Per 10, \$1; per 100, \$6.

Concord.

A large, handsome grape, globular and almost black.

Isabella.

An old favorite; fruit large, oval, black, sweet and musky; a good keeper.

Niagara.

A light-colored grape; very hardy, and a good producer.

Shade and Ornamental Trees and Shrubs.**Elm.**

American, 12 to 18 feet, each.....\$0.50
Cork, 10 to 16 feet, each......50
Red, 10 to 16 feet, each......50
White, 10 to 16 feet, each......50

Maple.

Sycamore, 12 to 18 feet, each......50
Silver Leaf, 10 to 16 feet, each......50
Red, 10 to 16 feet, each......50
Sugar, 10 to 16 feet, each......50
Purple, each......1.00

Linden.

American or European, 10 to 18 feet, each.... .50

Mountain Ash.

6 to 10 feet, each......40

Tulip.

6 to 8 feet, each......50

Catalpa.

10 to 12 feet, each......1.00

Poplar.

Lombardy, 12 to 13 feet, each......35
Carolina, 12 to 18 feet, each......35

Chestnuts.

American, 4 to 8 feet, each......50
Italian, 4 to 8 feet, each......50

Horse Chestnuts.

Red flowering, 5 to 9 feet, each.....\$1.00 to 1.50
White, 5 to 10 feet, each......75c to 1.00

Sycamore.

10 to 14 feet, each......50

Walnut.

English, 10 to 14 feet, each......50
Black, 10 to 14 feet, each......50

White Birch.

6 to 10 feet, each......50

Locust.

6 to 8 feet, each......25

Privet.

1-yr., per 100, \$2.50; 2-yr., per 100......4.00

Camperdown Weeping Elm.

Each......1.50

Kilmarnock Weeping Willow.

Each......1.50

Laburnum.

6 feet, each......50

Mulberry.

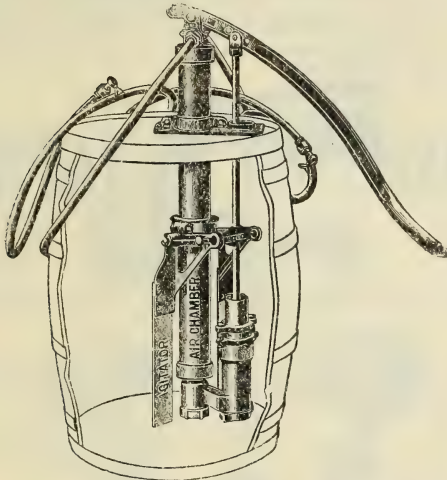
Russian, each......50
Downing, each......50

Cypress.

Lawson, each......50c to 2.00
Monterey, for hedge, per 100......2.50
Cryptomeria Elegans.....\$0.50 to \$2.00
California Big Tree.....1.00 to 1.50
Bamboo, Chinese......50 to 1.50
Arbor Vitae......50 to 1.50
Norway Spruce.....1.00 to 2.00
Juniper......50 to 1.50
Holly......75 to 1.50
Yew, Irish.....1.00 to 2.00
Larch......50 to 1.50
Laurel, English......50 to 1.00
Box, single plants, trimmed......50 to 1.00
Box, small for hedge, per 100......6.00

SPRAY PUMPS.

Gould's.... Spray Pumps.



"POMONA" NO. 1100, WITH AGITATOR.

Low Price

Large Capacity

Simplicity of Construction

Solid Brass Valves

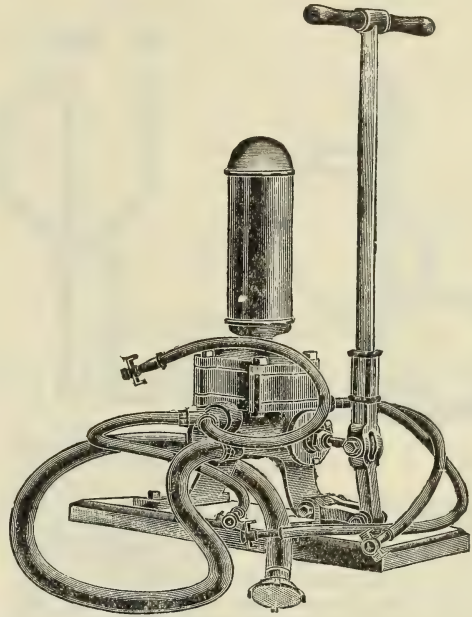
Large Air Chamber

Mechanical Agitator

**Price, with 10-foot Hose and Spray Nozzle
(No Barrel) \$15.00.**

WE DELIVER THIS PUMP at any railroad station or steamboat landing in Oregon or Washington at price named, when the money accompanies the order.

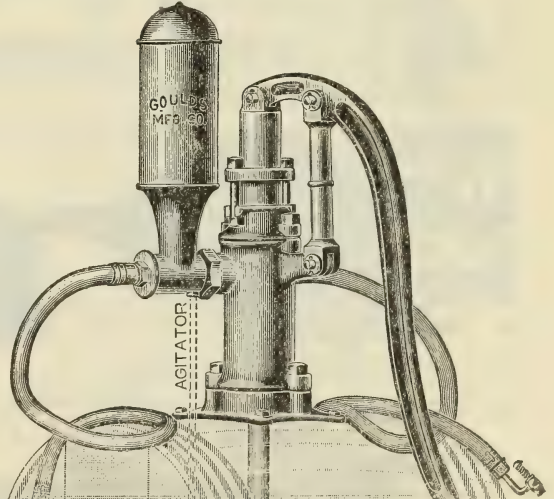
An up-to-date pump in every respect. It has all the working parts of brass, including Plunger, Gland, Gland Bolts, Strainer. Suction and Discharge Valves and Cases. The Air Chamber is unusually large, being about 32 inches long, constructed of tested steel. The Pump has a solid Plunger. No liquid passes through or by it.



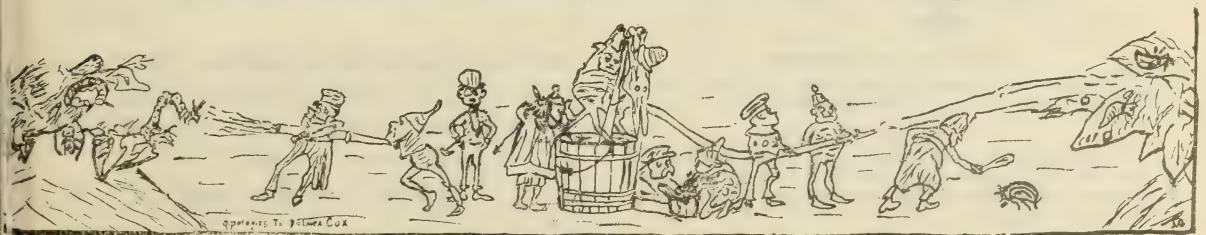
SENTINEL NO. 963.

This double-acting pump is of sufficient capacity to supply four leads of discharge hose. Constructed with brass-lined cylinder, brass valves and valve seats, this pump is unaffected by the action of acids, while its large air chamber renders it possible to force the liquid to the tops of the tallest trees.

Complete, with 5 feet of 1 1/4-inch rubber suction hose and two leads, 25 feet each, of 1/2-inch discharge hose, with Vermorel spray nozzle, couplings and hose bands, \$30; price for pump only, \$24.

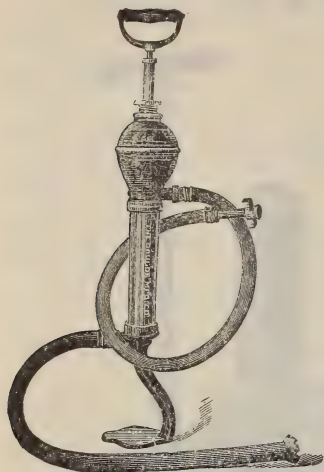


STANDARD NO. 905 1/2.



STANDARD NO. 905½.

This is a Double-Acting Force Pump, much superior to any of the smaller and cheaper pumps in the market. It is fitted with one piece of hose 8 feet long. Price, \$8.00.



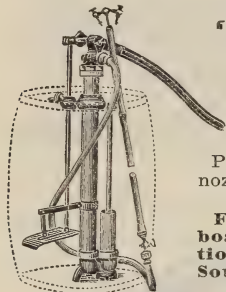
NO. 561½.

BORDEAUX,
NO. 1129.**NO. 561½.**

A compact and powerful Brass Force Pump, arranged with suction and discharge hose and Seneca or Calla nozzle. Has brass cylinder, plunger and rod. A good, first-class pump. Weight, 8 pounds. Price, \$5.

BORDEAUX NO. 1129.

This is ALL BRASS, with malleable iron footrest. Stands in bucket with footrest outside. The gutta percha ball valve is proof against acids. Price, \$4.

**"ECLIPSE"
SPRAY
PUMPS.**

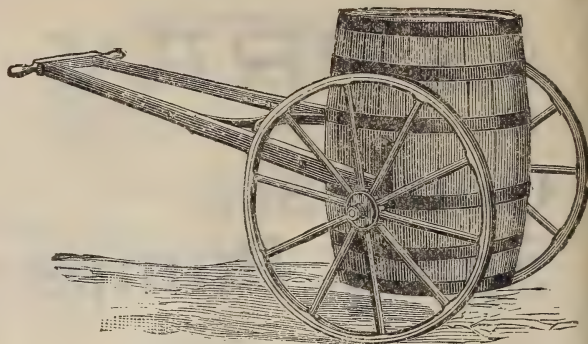
Price, with 10-foot hose and spray nozzle (no barrel), \$15.00.

Freight paid to any steamboat landing or railroad station in Oregon, Washington or Southern Idaho.

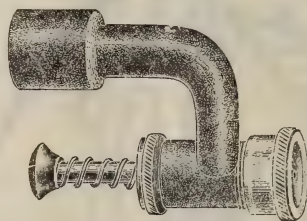
**BELLOWS SPRAYER.**

Useful for spraying rose bushes, small fruit, vines, etc. Also valuable about the chicken house.

Large size, \$1.50; small size, \$1.25.

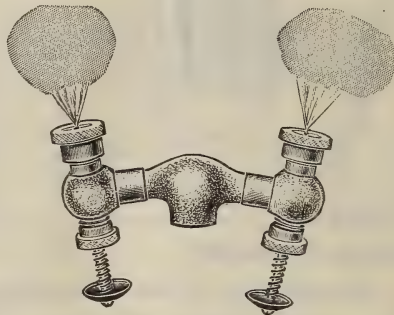
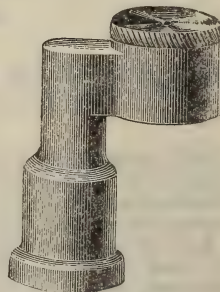
**BARREL CART, NO. 1133.**

With barrel, \$18.00; without barrel, \$15.00.



Single Vermorel Nozzles.

No. 55, 75c.

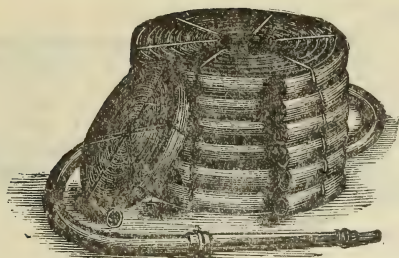
Double Vermorel Nozzles.
Triple Vermorel Nozzles.No. 1103, \$1.50
No. 1104, \$2.00.Cyclone,
No. 51, 35c.Pacific Cyclone,
No. 52, 60c.**BAMBOO EXTENSION.**

Complete, as shown above, each, \$1.50; iron extension, same as above, without bamboo, \$1.25.

A great part of the injury to fruit caused by insects and fungi may be averted by applications of fungicides and insecticides with spraying machinery.

We are prepared to furnish Trees, Plants and Shrubs in any quantity at short notice. We deal in the best quality only—true to name and free from disease or pests.

SEE PAGE 48.



RUBBER HOSE.

We carry three qualities, to meet all requirements. The "common" answers a good purpose where the pressure is light. The medium is a standard for irrigating. The "Best" is made for hard service, and is, indeed, the best for use with spray pumps.

Common, $\frac{1}{2}$, 8c; $\frac{3}{4}$, 10c.
Medium, $\frac{1}{2}$, 10c; $\frac{3}{4}$, 15c.
Best, $\frac{1}{2}$, 15c; $\frac{3}{4}$, 18c.

SPRAYING MATERIALS.



We are prepared to furnish spraying materials of all kinds in any quantity and at lowest market quotations. The prices quoted below are for ordinary requirements. If larger quantities are required, we will quote special prices on application. We do not sell ADULTERATED or SO-CALLED CHEAP MATERIALS. Spraying with them is time wasted and money thrown away.

Prices Subject to Market Changes.

Paris Green,	Best, 1 lb., 40c; 5 lbs., \$1.50.
London Purple,	Best, 1 lb., 30c; 5 lbs., \$1.00.
Whale Oil Soap,	1 lb., 10c; 10 lbs., 60c; 100 lbs., \$5.
Sulphate of Copper,	1 lb., 10c; 10 lbs., 60c; 100 lbs., \$5.
Sulphur,	1 lb., 5c; 10 lbs., 30c; 100 lbs., \$1.75.
Sulphur (Powder),	Crude, 100 lbs., \$1.50.
Quassia Chips,	1 lb., 10c; 10 lbs., 60c; 100 lbs., \$5.50.
Lime,	Market price.
Lye,	1-lb can, 10c; per doz., 90c.
Rose Leaf (Extract of Tobacco),	Better and cheaper than stems, pint, 30c; quart, 50c.
Zenoleum,	6-oz. bottle, 25c; quart can, 75c; gallon can, \$2;
Buhach,	5-gallon can, \$9.
	Oz., 10c; $\frac{1}{4}$ lb., 30c.

SPRAY MATERIALS READY FOR USE.

Compounded from formulas recommended by the State Board of Horticulture. These compounds are solidified and put up in cakes of 4 to 8 lbs., and in boxes of 50 to 100 lbs.; made of pure materials in the most thorough manner.

No. 1. Winter Spray for San Jose Scale and Curl Leaf. Ingredients: Lime, sulphur and salt. Directions: For winter spraying, 1 pound to two gallons of water; spring spraying, 1 pound to 8 gallons of water. 1 lb., 6c; 100 lbs., \$5.00.

No. 2. For San Jose Scale and Woolly Aphis. Good fungicide as well as insecticide. Ingredients: Sulphur, lime and blue vitriol. Directions: Winter spraying, one pound to $2\frac{1}{2}$ gallons of water just before the buds swell. Summer, one pound to 8 gallons of water. For Codlin Moth, add $\frac{1}{2}$ oz. of Paris Green or London Purple. 1 lb., 7c; 100 lbs., \$6.00.

No. 3. Summer remedy for San Jose Scale and Red Spider. Ingredients: Whale oil soap, sulphur, caustic soda and commercial potash. Directions: One lb. to 5 gallons of hot water, applied at 130 degrees. Per lb., 8c; 100 lbs., \$7.

No. 4. Summer Wash for Hop Louse, Woolly Aphis and San Jose Scale. Ingredients: Resin and sal soda. Directions: For hop louse, 1 pound to 9 gallons of water; woolly aphis, one pound to 7 gallons of water; San Jose Scale, one pound to 6 gallons of water.

No. 5. Whale Oil Soap. One pound to 7 gallons of water for summer use in fighting the hop louse or green aphid. 10 lbs., 60c; 100 lbs., \$5.

No. 7. Bordeaux Mixture for Fungi. Ingredients: Sulphate of copper and lime. Directions: For winter use, 1 pound to 2 gallons of water; for summer use, 1 pound to 4 gallons of water.

LAMBERSON'S STANDARD FERTILIZERS.



Do You Feed Your Plants?

Plants are living things. They need care, food and water, and protection from heat and cold. But no matter how much care be given them, growing plants will not thrive unless they are fed.

Our fertilizers are made of the best materials and compounded according to the most approved formulas as recommended by the Oregon Agricultural College. We call attention to the fact that we guarantee the analysis of all our fertilizers as given below:

No. 1. GENERAL FERTILIZER.

Analysis: Ammonia, 2 to $2\frac{1}{2}$ per cent; phosphoric acid, 7 to 8 per cent; potash, 6 to 7 per cent. Price, per 100 lbs., \$2; per ton, \$35.

No. 2. POTATO GROWER.

Analysis: Ammonia, 4 to $4\frac{1}{2}$ per cent; phosphoric acid, 6 to 7 per cent; potash, 9 to 10 per cent. Price, per 100 lbs., \$2.50; per ton, \$40.

No. 3. VINE GROWER.

Analysis: Ammonia, 2 to $2\frac{1}{2}$ per cent; phosphoric acid, 7 to 8 per cent; potash, 7 to 8 per cent. Price, per 100 lbs., \$2.25; per ton, \$38.

No. 5. ORCHARD FOOD.

Analysis: Ammonia, $1\frac{1}{2}$ to 2 per cent; phosphoric acid, 7 to 8 per cent; potash, $8\frac{1}{2}$ to 9 per cent. Price, per 100 lbs., \$2.25; per ton, \$38.

No. 6. LAWN DRESSING.

Phosphoric acid, $5\frac{1}{2}$ per cent; potash, 12 per cent; nitrogen, $5\frac{1}{2}$ per cent. Price, per 100 lbs., \$2.50; per ton, \$45.

No. 8. PLANT FOOD.

Phosphoric acid, 6 per cent; potash, $13\frac{1}{2}$ per cent; nitrogen, $8\frac{1}{2}$ per cent. Price, 1-lb tin, 15c; 2-lb tins, 25c; postage, 16c lb.

No. 10. PURE SUPERPHOSPHATE.

Contains no ammonia whatever, but 16 per cent. of available phosphoric acid. Price, per 100 lbs., \$2.00.

PURE GROUND BONE.

Is an excellent fertilizer, though not as quick in action as the Standard Fertilizers. Per 100 lbs., \$1.50; per ton, \$25.

NITRATE OF SODA.

An excellent nitrogen fertilizer, very quick in action. 50 lbs., \$2; 100 lbs., \$3.50; ton, \$60.

GYPSUM OR LAND PLASTER.

100 lbs., 75c; per ton, \$12.00.

POTASH SALTS.

An illustrated pamphlet on the use of potash in agriculture will be mailed free on application.

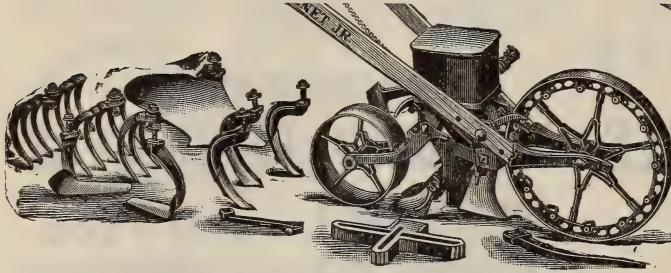
We carry a stock of Potash Salts direct from the GERMAN KALI WORKS, STASSFURT, GERMANY, and can fill orders promptly for any quantity, from a single pound to a carload, at the following prices:

	Per lb.	224 lbs. net.	Per ton.
Muriate of Potash.....	3½c	\$6.75	\$54.00
Sulphate of Potash.....	3¾c	7.35	60.00
Kainit	1½c	2.80	20.00

BEST RESULTS

From use of Commercial Fertilizers will be derived by those who apply them in the fall or early spring. It is very desirable that they be well mixed with the soil, otherwise they cannot be reached by the roots. Do not be afraid of losing potash or phosphoric acid. They do not leak away except in very sandy soils, but remain in the ground till taken out by growing plants. No positive rule as to quantity can be given. The average amount is 400 or 500 pounds per acre, but market gardeners often use three or four times that amount and find that it pays.

SEED DRILLS.



"PLANET JR." NO. 4.

Hill Dropping Seed Drill, Hoe, Cultivator, Rake and Hoe. A new tool for 1898. Price, complete, \$10.50; as drill only, \$7.50.



THE NEW "PLANET JR." NO. 3 HILL DROPPING SEED DRILL.

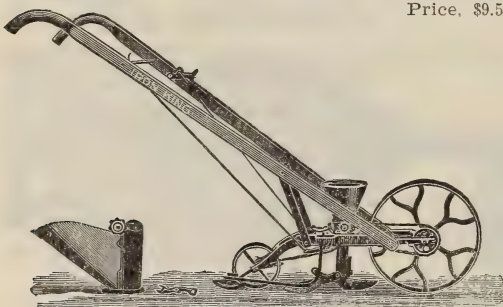
Sows either in hills or in consecutive row. Price, \$9.50.

THE "PLANET JR." NO. 2 DRILL.

Holds 2½ quarts. Price, \$7.25.

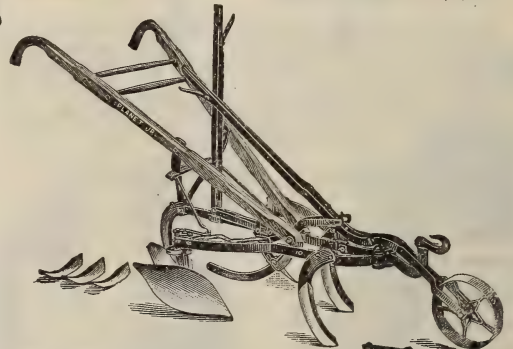
THE "PLANET JR." COMBINED DRILL, WHEEL HOE, CULTIVATOR, RAKE AND PLOW.

Price, \$9.50.



IRON KING SEED DRILL.

Price, \$8.00.

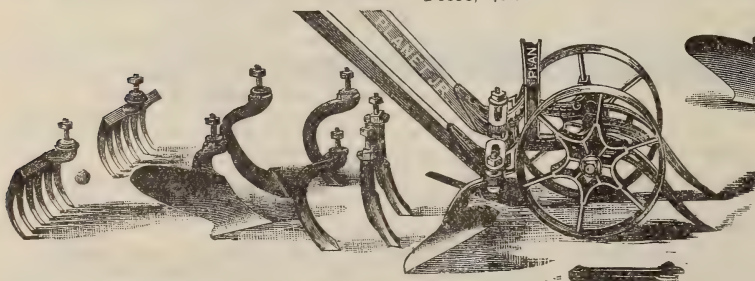


THE "PLANET JR." NO. 8 HORSE HOE.

Price, \$8.50.

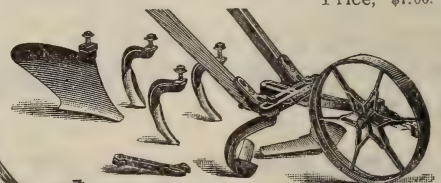
THE "PLANET JR." NO. 5 HORSE HOE.

Price, \$7.00.



"PLANET JR." DOUBLE WHEEL HOE.

Price, \$6.75; with hoes only, \$4.50.

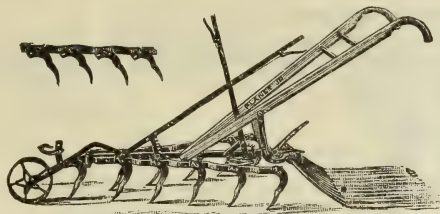


"FIREFLY" SINGLE WHEEL HOE, CULTIVATOR AND PLOW.

Price, \$4.50.

"FIREFLY" WHEEL GARDEN PLOW.

Price, \$2.50.

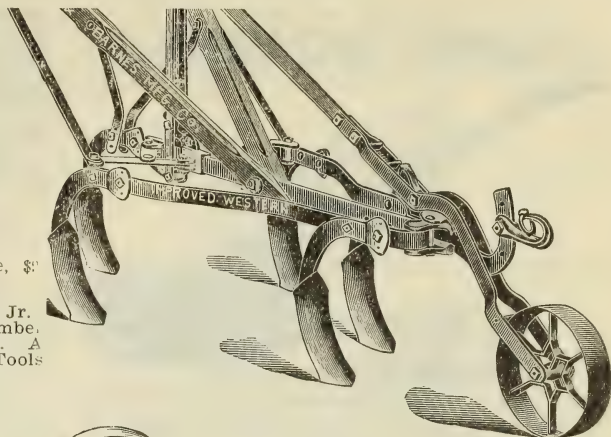


"PLANET JR." TWELVE-TOOTH HARROW.

Price, plain, \$6.50; with wheel, \$7; complete, \$8.

EXTRAS.

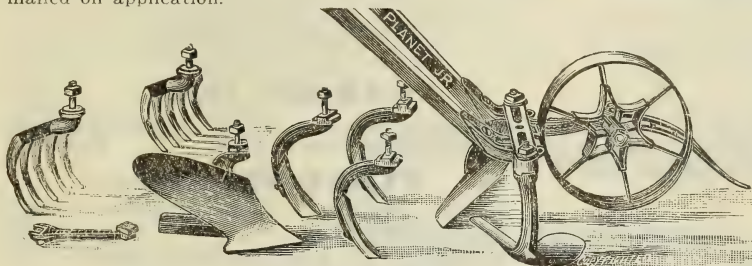
We can furnish extra parts of all "Planet Jr. Tools. In ordering "Extras," the figure and number should be given, besides the name of the part. A complete illustrated catalogue of "Planet Jr." Tools mailed on application.



IMPROVED "WESTERN" HORSE HOE AND CULTIVATOR.

All Steel.

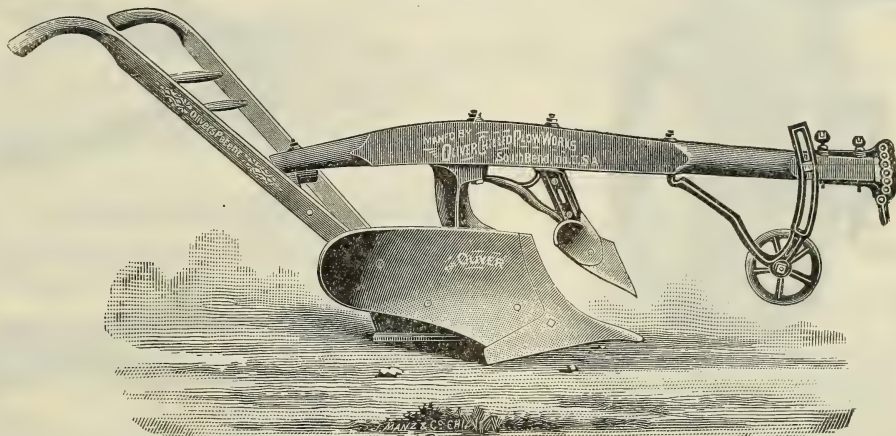
Price, \$6.50.



"PLANET JR." SINGLE WHEEL HOE.

Price, complete, \$5.25; price, with hoes only, \$3.50.

OLIVER CHILLED PLOWS



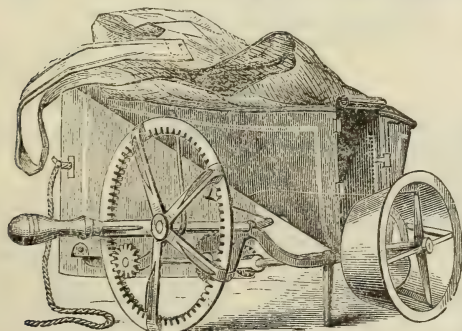
OLIVER CHILLED PLOW.

NOTE OUR REDUCTION IN PRICE.

No. 20 chilled, cuts 12 inches, \$10.50; No. 40 chilled, cuts 14 inches, \$11. Cast cutter shares for No. 20 or No. 40 plows, 50c each.

Wheels and jointers are not included in above prices. Price includes a wrench and extra cast share. A complete line of Oliver Plows, repairs and extras always on hand.

SEED SOWERS.



CAHOON.

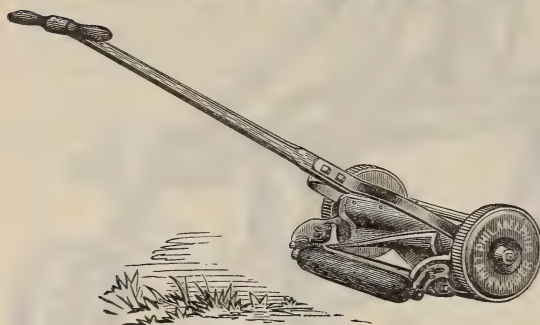
Price, \$4.00.



GRANGER.

Price, \$3.75.

LAWN MOWERS.



PHILADELPHIA.

12 inches, \$7; 14 inches, \$7.50; 16 inches, \$8.

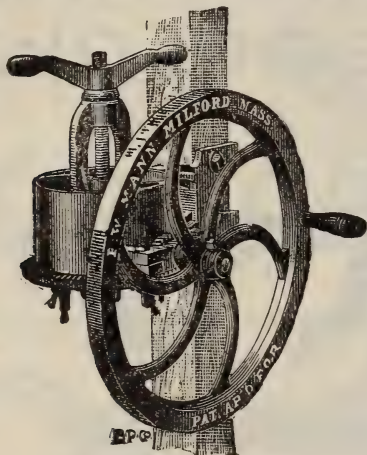
DIAMOND.

The "DIAMOND" was the only mower used on the lawns at the Columbian Exposition in Chicago. It is perfect in material and workmanship, and is WARRANTED to give entire satisfaction. We are the sole agents. 16-inch, \$6.50; 14-inch, \$6; 12-inch, \$5.50.

THE MAGIC.

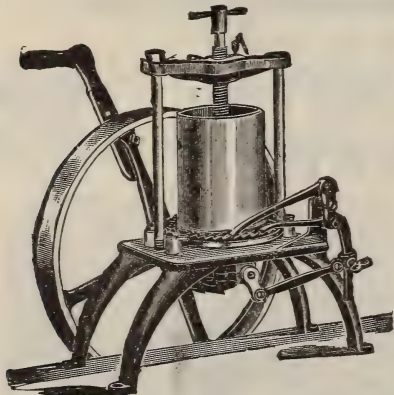
A good mower at a low price.
14 inches, \$3.50; 16 inches, \$4.00.

POULTRY SUPPLIES.



GREEN BONE MILLS.

No. 1B. with wheel, \$8; No. 1C, with crank, \$6.



Webster's No. 2, improved automatic feed.....\$10.00
Wilson's Dry Bone Mill 5.00
GRANULATED BONE.....Per 100 lbs. 1.50
GROUND OYSTERS SHELLS.....Per 100 lbs. 1.00
SUNFLOWER SEED,
.....1 lb., by mail, postpaid, 20c; 100 lbs. 5.00
IMPERIAL EGG FOOD.
.....1-lb package, 50c.; 2½ lbs., \$1; 6 lbs. 2.00
STURTEVANT'S ROUP CURE.....Per box .50

MORRIS POULTRY CURE.

This infallible remedy challenges the world to produce its equal as an egg producer, preventive and cure for all diseases of fowls. 25c, 50c and \$1 per pkg.

CREOSOZONE.

Quart can, 50c.

ZENOLEUM.

Sure cure for lice, mites and all vermin about hen house.
6-oz. bottle, 25c; qt. can, 75c; gal. can, \$2; 5-gal. can, \$9.

NEST EGGS.

White glass. Each, 5c; dozen, 30c.

POULTRY NETTING.

The following table gives the net price of a single roll of netting, 150 feet long, of different widths. If you order five rolls, any one or assorted sizes, deduct 5 per cent. from these prices:

MESH	No. Wire	12 in.	18 in.	24 in.	30 in.	36 in.	42 in.	48 in.	60 in.	72 in.
2-inch....	20	68.0	1.01	1.32	1.69	2.03	2.36	2.70	3.38	4.05

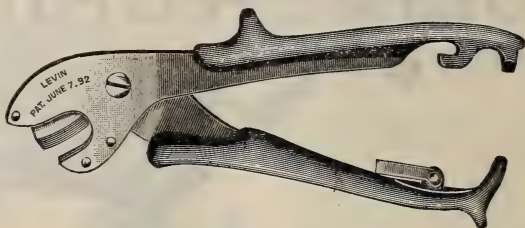
GARDEN SETS.

Four pieces—trowel, rake, hoe, and spading fork.
A set for the ladies' flower garden. Price, 60c.

PLANT STAKES.

2½ feet, per dozen.....35c
3 feet, per dozen.....40c
4 feet, per dozen.....50c
These stakes are made from good straight cedar, turned, and neatly painted.

PRUNING SHEARS.



THE LEVIN PRUNER.

Cuts clean, does not mash the twig. No. 23 cuts ½ inch. Postpaid, 75c; No. 24 cuts ¾ inch, postpaid, \$1.



No. 1, 40c; postage, 15c.



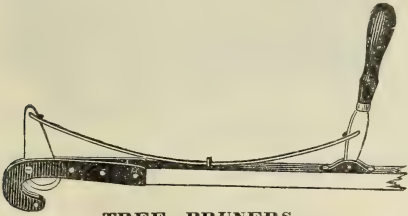
No. 9, 50 cents; postage, 15 cents.
No. 21, closed hand hold; spiral wire spring.
60c; postage, 15c.



No. 4665, 9-inch California pattern; German make, black finish, polished blade. 75c; postage, 15c.
No. 4666, 9-inch; same pattern as 4665; bright finish, polished blade, spiral steel spring. Made for hard service. \$1; postage, 15c.
No. 4773, 9-inch; Rieser pattern, full polish, with double brass springs. \$1.50; postage, 15c.
No. 4771, 10-inch; California pattern; spiral steel spring, fine straw-colored blade. Made for heavy work. \$2; postage 20c.

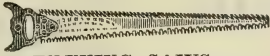
BRANCH SHEARS.

Length, 20 inches. \$1.00.
English manufacture, length 26 inches, first-class tool. \$1.60.
Red Chief, made for heavy work, draw cut, strong and durable. \$3.00.



TREE PRUNERS.

Eight-foot handles, 75c; 10-foot handles, 85c; 12-foot handles, \$1.00.



PRUNING SAWS.

Duplex ...18-inch, 80c; 20-inch, 85c
California (curved blade)..... 75c
Disston (plain back) ...18-inch, 85c

CHRISTY WEEDER.

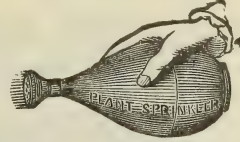
Postpaid, 35c.

GRAFTING WAX.

1b., 20c; 10 lbs., \$1.60.

PRUNING KNIVES.

We have a good assortment of these, ranging in price from 50c to \$1. If out-of-town customers will tell us about what they want, we are confident we can give them good value for money sent.



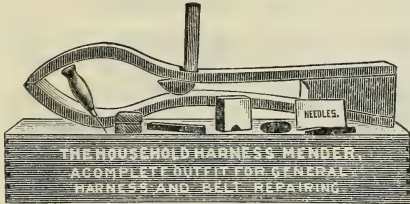
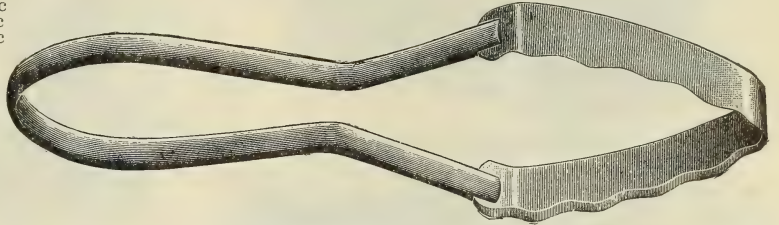
SCOLLAY SPRINKLER.

Large \$1.00, postage 10c; medium 75c, postage 7c; small 60c, postage 5c.



GARDEN TROWELS.

No. 1. Blade and shank of ONE PIECE OF STEEL. The best tool of its kind in the market. 50c.
No. 2. Good steel trowel, with malleable iron shank, firmly riveted. A good trowel for the money. 10c.
No. 3. Steel trowel, better finished than the above. 15c.

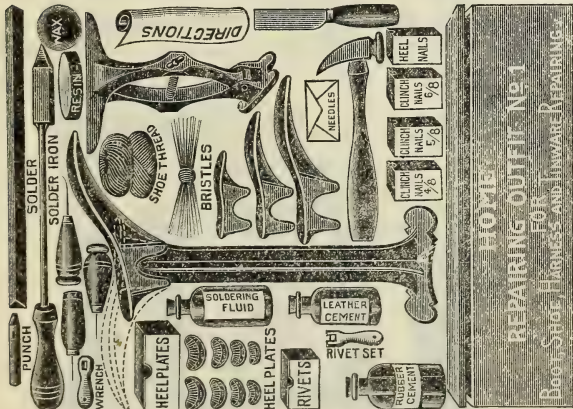


Harness Mender, \$1.50.

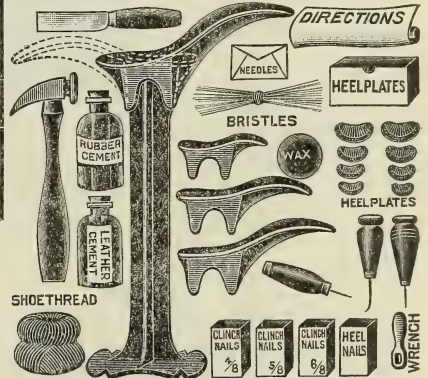
Repairing Outfits
Are Included in our

**FREE DELIVERY
OFFER**

See First Page.



Home Outfit No. 1, \$2.00.

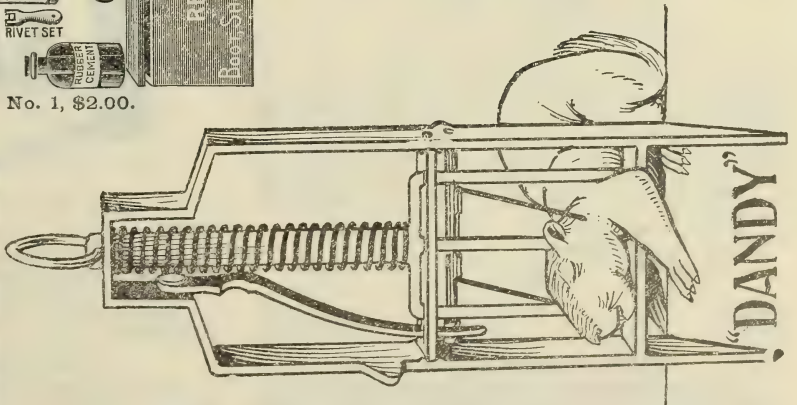


Home Outfit No. 2, \$1.50.

New Customers

THIS CATALOG will reach many who have not tried our seeds. We ask such to send us a

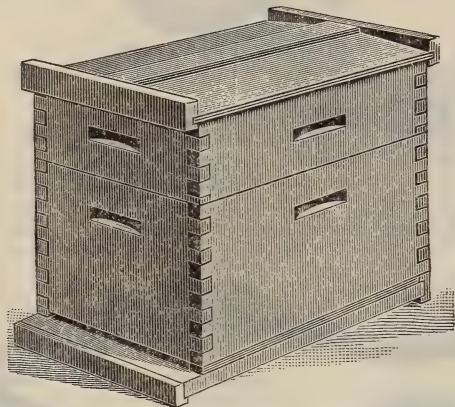
TRIAL ORDER



DANDY MOLE TRAP, 25c., Postage, 12c.

BEE SUPPLIES.

We are Sole Northwestern Agents for the A. I. Root Co., the largest manufacturers of Bee-Keepers' Supplies in the world. Their name is the standard for quality.



DOVETAILED HIVE.

Our dovetailed hives are easily put together, and when properly nailed they have five times the strength of the old-fashioned hive-bodies depending merely on the strength of the nails.

DESCRIPTIVE LIST OF DOVETAILED HIVES.

The bottoms and covers of various styles are designated by a letter; i. e., A indicates the Danzy bottom; B is the ordinary bottom; C is the bevel flat (Hig.) cover; D is the Danzy cover; G, the gable cover. The furnished bodies and supers are designated by a figure to distinguish the various styles of furnishing: 5 indicates a body with frames and division-board; 6, the same with foundation-starters added; 2 indicates the supers with section holders, followers and separators; 4, the super complete with sections and starters.

By putting together the letters and figures indicating the parts you desire in a hive, you can make up any combination you desire. We list under their numbers made up in this way only a few of the regular combinations kept in stock. If you do not use the designating letter for cover or bottom, we will send the bottom and cover designated by BD or BC. If you want frames pierced and wire included, add letters PW to number, and 10c for each five hives, to cover expense.

The Danzy hive-bottom, to fit the dovetailed hive, will be furnished at the same price, when desired. It is reversible, having the regulation bee-space on one side and $\frac{3}{8}$ -inch space on the other. This deep side is used when swarms are hived, to give better ventilation, and in winter while in the cellar it is also used for the same reason.

PRICE LIST.

Number and Name.	Nailed, Flat, Fact.	One.	Ten.	Flat, Wought	Lbs. Ten
BD 52-8, old No. 1E, 8-frame....	\$1.50	\$1.35	\$12.50	270	
BD 64-8, old No. 1, 8-frame....	1.80	1.60	15.00	290	
BD 522-8, old No. 2E, 8-frame.	1.95	1.70	16.00	330	
BD 644-8, old No. 2, 8-frame...	2.40	2.10	19.50	370	
BD 55-8, old No. 5E, 8-frame..	2.10	1.85	17.50	330	
BD 52-10, old No. 1E, 10-frame	1.75	1.55	14.50	300	
BD 64-10, old No. 1, 10-frame..	2.10	1.85	17.50	325	
Five hives at same rate as 10. No charge for packing.					

A charge of 20c will be made for packing less than five hives, in flat.

SUPERS.

	1	10
Complete	50c	\$4.50
Empty	40c	3.50

DOVETAILED WINTER CASE.

There are those who, having single-walled hives, desire something which, at a slight additional expense, will convert their hives into double-walled

abodes for bees during the winter. Again, there are others who winter indoors who wish something cheap and serviceable in the way of a protection to put over the hives after they are set out in the spring, and here it is.

These are large enough to go over 10-frame Dovetailed and Simplicity hives, allowing only $\frac{3}{4}$ inch space on each side.

Price, including cover and padded sticks and nails, in flat, 75c; 10 for \$7.

Simplicity Hives CHEAP! To Close Out.

We have on hand a few hives and tin separators. As nearly everybody prefers the Dovetail hive and the wood separators, we offer these goods at very low prices to close out, subject to stock unsold on receipt of order.

	1	10
Simplicity, 2-story, for comb honey....	\$1.15	\$10.00
Simplicity, 1 $\frac{1}{2}$ -story, for comb honey..	1.00	9.00
Tin separators, per 100, 65c; per 1,000, \$6.		

DOVETAILED CHAFF HIVES.

Each, \$1.50; 10, \$12.50.

ITALIAN BEES AND QUEENS.



Untested queen, April \$1.50, May \$1, June \$1, July 75c, August-September \$1.

Tested queen, April \$2.50, May \$2, June \$2, July \$1.50, August-September \$2.

Select tested queen, April \$3.50, May \$3, June \$3, July \$2.50, August-September \$3.

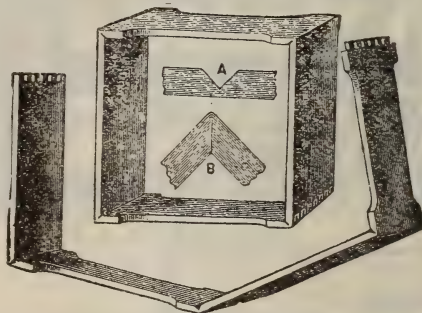
Full colony of bees, April \$8, May \$7, June \$7, July \$6, August-September \$6.

NOTICE.—The price of the colony does not include a queen. Select the queen you want and add her price to that of the bees.

Queens by mail are prepaid, and safe arrival warranted.

Full colony must go by express, charges to be paid by the purchaser.

SECTIONS.



Sections (plain, for fence separators), $4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{1}{2}$.

Sections, $4\frac{1}{4} \times 4\frac{1}{4} \times 15-16$.

Sections, $4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{7}{8}$.

Sections, $4\frac{1}{4} \times 4\frac{1}{4} \times 1\frac{1}{4}$.

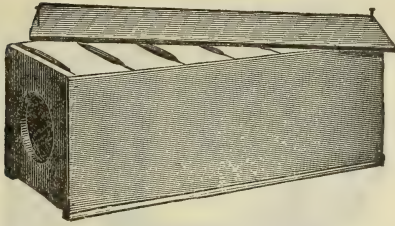
Sections, $4\frac{1}{4} \times 4\frac{1}{4} \times 7$ to foot.

Price, per 100, 50c; per 500, \$2; per 1,000, \$4; per 2,000, \$7.50.

SECTION HOLDERS.

$1\frac{1}{8}$ inches wide; $1\frac{1}{4}$ inches wide; $1\frac{1}{2}$ inches wide (plain, for fence separators), per 100, \$1.55.

Section holder bottoms, 75c.



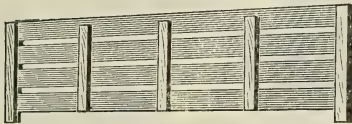
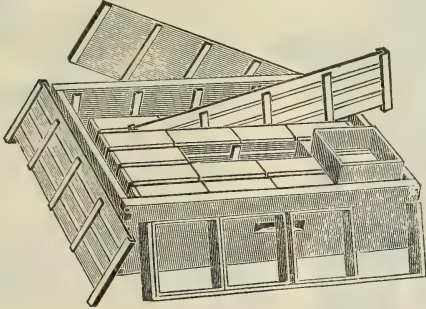
D SECTION CASE.

Complete with sections and starters, 12c; 10 for \$1.00.

In flat, no sections or starters, 5c; 10 for 40c.

WOOD SEPARATORS.

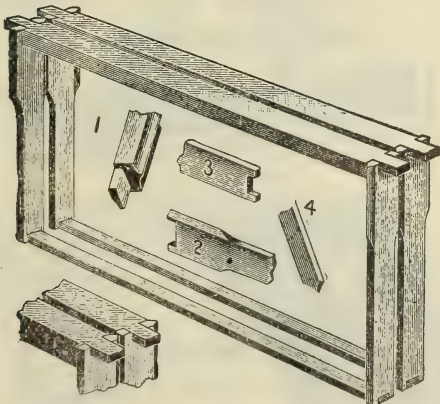
Slotted, sawed, $4\frac{1}{2} \times 18$, per 100, 75c; per 1000, \$7.
Slotted, sliced, $3\frac{1}{2} \times 17$, per 100, 50c; per 1000, \$4.



FENCE SEPARATORS.

For $1\frac{1}{2}$ -inch section holders, per 100, \$1.50; for new $1\frac{1}{2}$ -inch section holders, per 100, \$1.50.

HOFFMAN FRAMES.

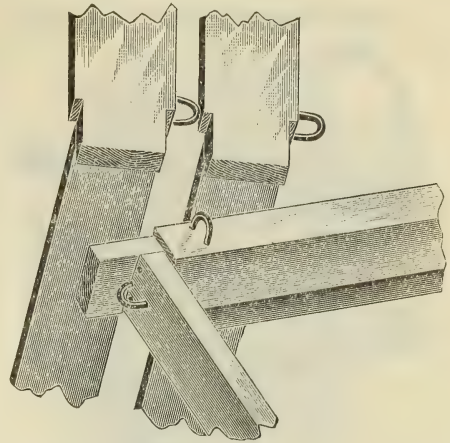


SELF-SPACING HOFFMAN FRAMES.

	10	100	1000
Thick Top	\$.25	\$2.00	\$16.50
Self-Spacing .....	.25	2.15	18.50
Shallow Extracting .....	.20	1.75	16.00

**We will pay market price for all
Clean Beeswax offered.**

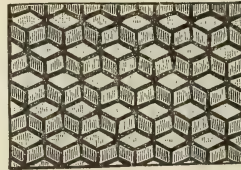
We solicit consignments of honey.



STAPLE - SPACED, THICK - TOP HOFFMAN FRAMES.

To replace the old style thick top, the price being the same.

COMB FOUNDATION.



**"WEED"
New Process.**

	lb.	10 lbs.	25 lbs.
Heavy Brood .....	.45c	43c	41c
Medium Brood .....	.46c	44c	42c
Light Brood .....	.48c	46c	44c
Thin Surplus .....	.54c	52c	50c
Extra Thin Surplus .....	.57c	55c	53c

Prices subject to market changes.



BEE VEILS.

No. 1, made entirely of silk tulle, 80c; No. 2, cotton tulle, silk face, 50c; No. 3, cotton tulle throughout, 40c.

The silk in these veils is so fine that 8 yards weighs only 1 ounce, and is almost invisible before the eyes.

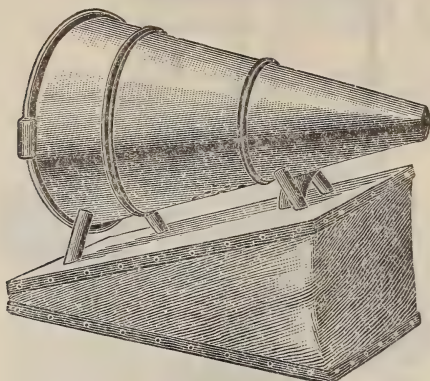
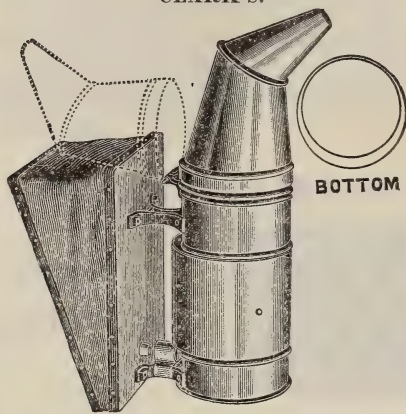
Silk tulle, for face of veil, 9×12 inches, 10c.

RUBBER GLOVES.

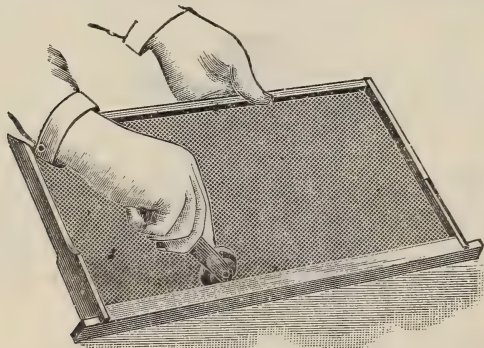
To protect the hands while handling bees.

Kind.	Size.	Price, per pair.	Postage.
Ladies' size	6 to 9	\$1.35	5 cents
Gents' size	10 to 11	1.50	6 cents
Long and large	12 to 14	2.00	10 cents

Remember that rubber gloves must be two sizes larger than kid gloves; that is, if a No. 7 kid glove fits you, you need No. 9 rubber.

SMOKERS.**CLARK'S.****CORNEIL.**

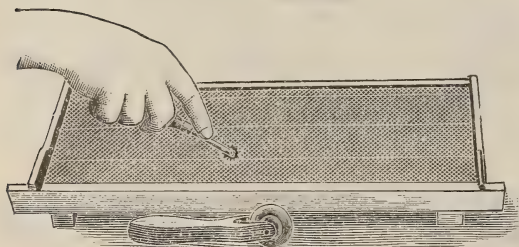
	Mail, each.	two. each.	Express, each.	½ doz. doz.
Clark	\$.70	\$1.35	\$.50	\$2.40
Crane	1.80	3.50	1.50	8.00
Bingham's Doctor	1.50	2.90	1.25	6.50
Corneil	1.10	2.10	.90	4.80

**DAISY FOUNDATION ROLLER.**

15c; by mail, 18c.

BLOOD'S ROLLER.

15c.

**SPUR WIRE-IMBEDDER.**

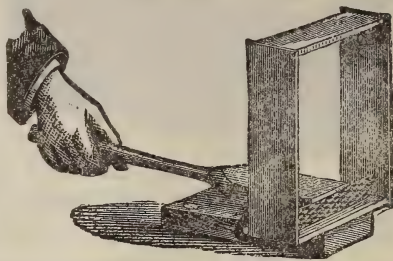
This is like a tracing wheel, with the teeth set so as to straddle the wire while imbedding it.

15c; by mail, 18c.

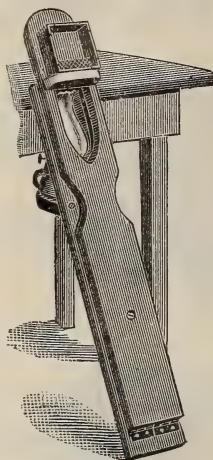
SECTION PRESS.

Hubbard's,

\$3.00.

**PARKER'S FOUNDATION FASTENER.**

25 cents; by mail, 40 cents.

**DAISY FOUNDATION FASTENER.**

Price with lamp.....\$1.25

Price without lamp..... .95

Weight without lamp, 5 lbs.

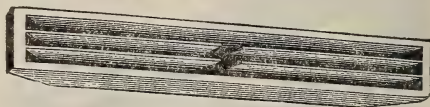
This is the best for putting starters into sections. Nothing could be more simple, or more easily operated than this machine; and we are sure it will put starters in better and faster than any machine before produced. With this, a boy or girl will put starters in about 500 sections per hour, and do it nicer than any of the presser machines we formerly sold. Complete directions accompany each machine.

BEE ENTRANCE GUARDS.

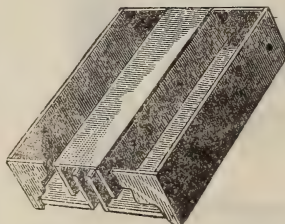
These are to admit workers, but exclude drones. After the drones are all out fix the guards over the entrance, and at night the drones can be destroyed. 10c; by mail 15c; 10 for 75c; or \$5 per 100.

ALLEY'S QUEEN AND DRONE TRAP.

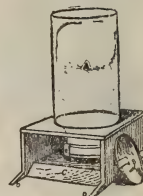
50c; 10 for \$4; by mail, 15c each extra.

BEE FEEDERS.**SIMPLICITY.**

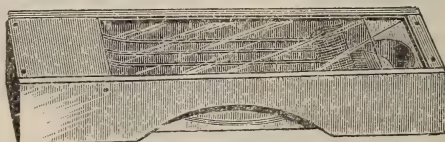
Each, 10c; 10 for 60c.

**MILLER.**

Nailed, 30c; 10 in flat, \$2.50.

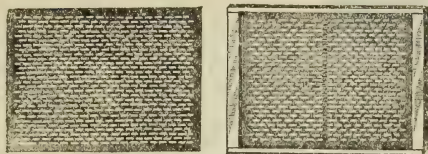
**BOARDMAN.**

18c; 10 for \$1.50.

**GRAY SIMPLICITY.**

This is a Simplicity feeder, with a glass cover.

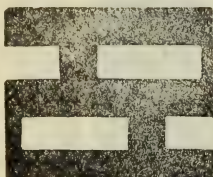
15c; 10 for \$1.40.



HONEY BOARDS.

	Each.	10
No. 1, 10-frame, unbound	15c	\$1.40
No. 11, 8-frame, unbound	15c	1.20
No. 12, 10-frame, wood bound.....	20c	1.80
No. 13, 8-frame, wood bound.....	20c	1.70

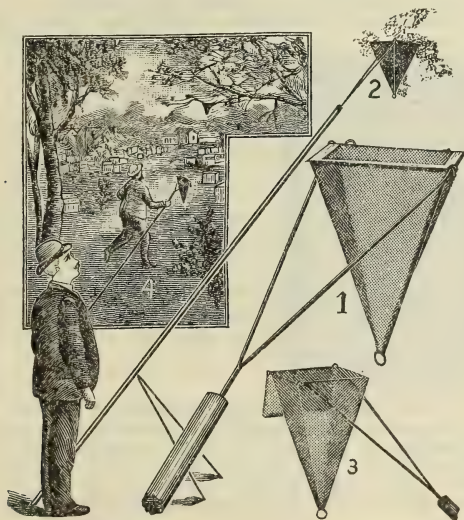
PERFORATED ZINC.



The size of the perforations in our make of zinc is 17-100. This is found to effectually stop all queens and drones from passing through, but allows the workers to pass easily.

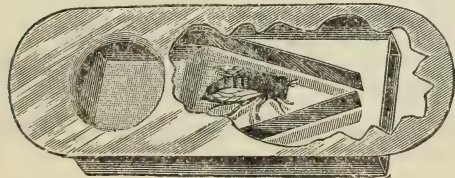
PRICE LIST OF PERFORATED ZINC.

Strips, one row holes, $\frac{3}{4}$ x18 to 19 $\frac{1}{2}$ inches, per 100, 90c; sheets, 28x96 inches, each, \$1.40.



SWARM CATCHER.

Manum's, with pole, \$1.25; without pole, 85c.



PORTER BEE-ESCAPE.

By mail, 20c; one doz., \$2.25. Mounted, each 40c.

PORTER HONEY-HOUSE ESCAPE. 35c.

MISCELLANEOUS.

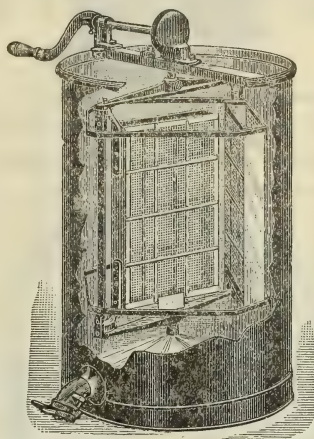
	Each	10	100
Benton Queen Cages, no candy....	5c	40c	\$3.00
West's Queen Cell Protectors.....	10c	50c	4.50
West's Spiral Cages	10c	80c	7.50
Bee Tent			1.75
Enamel Cloth, 45-inch, per yard.....			.25
Enamel Cloth, roll 12 yards.....			2.75

MILLER'S INTRODUCING CAGES. 10c.

PAINT FOR HIVES.

Gal., \$1.50; half gal., 80c; qt., 45c; pint, 25c.

HONEY EXTRACTORS.



COWAN RAPID REVERSIBLE.

No. 15, 2-frame Cowan for L. frames; diameter of can, 20 inches (weight 70 lbs.), \$12.

No. 18, 2-frame Cowan, for frames not over 12 inches deep, 24 inches diameter (weight 120 lbs.), \$15.25.

No. 25, 4-frame Cowan for L. frames; 28 inches in diameter (weight 150 lbs.), \$24.00.

NOVICE.

For those who want the smallest and lightest machine, as well as one moderate in price, this will fill the bill.

No. 5, for L. or Simp. frame, standing on end, or any other frame not over 9 $\frac{1}{2}$ inches deep or 18 $\frac{1}{2}$ inches long, top bar 20 inches (weight 45 lbs.), \$8.25.

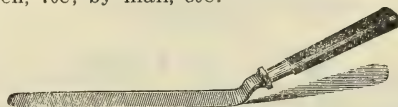
No. 10, for still deeper frames not over 13 $\frac{1}{2}$ inches deep or 18 $\frac{1}{2}$ inches wide (weight 60 lbs.), \$9.60.

HONEY KNIVES.



ABBOTT.

Each, 70c; by mail, 80c.



NOVICE.

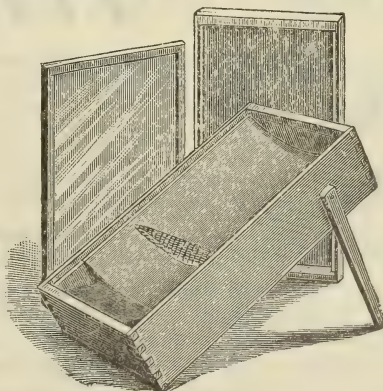
Each, 75c; by mail, 80c.

BINGHAM.

This is the original wide-blade uncapper.

Each, 70c; by mail, 80c.

WAX EXTRACTORS.



DOOLITTLE'S SOLAR.

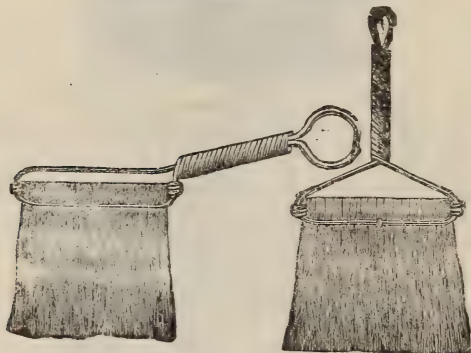
Weight, 30 lbs.....\$3.75

**ROOT'S IMPROVED "SWISS."**

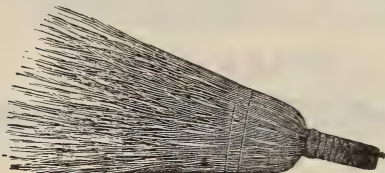
Price, \$2.75; with steam generator, \$3.75.

ROOT'S 35c WAX EXTRACTOR.

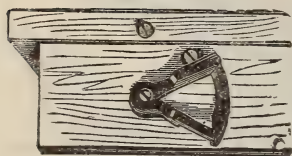
This is simply an 8-quart dishpan with a 20-cent all-metal sieve set in. To use it, pour water in the pan, put your comb in the sieve, and set the whole in the oven. As fast as the wax melts and falls in the water, put more in the sieve. By mail, 35c extra.

BEE BRUSHES.

Davis', 15c; by mail, 18c.



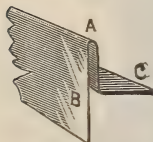
Cogshall, 15c; by mail, 21c.

HIVE CLAMPS.**VAN DUSEN'S.**

Per set, including two screws, 5c; 10 pairs, 35c. No screws, 10 pairs, 30c. By mail, 3c per pair extra.

HILL'S DEVICE.

Price, 60c for 10; by mail, 5c extra.

**TIN RABBETS FOR HIVES.**

These are of folded tin, and are used for frames to rest on, in Fig. 7. The price will be as follows: Rabbits for Dov. hive, 12 and 14 in., \$1.25 per 100.

Same style rabbits will fit Simplicity and other similar hives of same style.

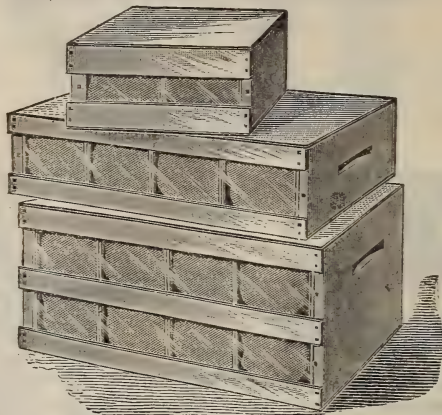
Rabbits of other lengths will be 1¼c per foot. Rabbits are included with all our hives.

	100
T-Tins, 14 inches and under.....	\$1.25
T-Tins, over 14 inches up to 16 inches.....	1.35
T-Tins, over 16 inches up to 20 inches.....	1.60
Flat Tins, 14 inches and under.....	.50
Flat Tins, over 14 inches up to 20 inches.....	.75
Bent staples, about 400 to a pound.	

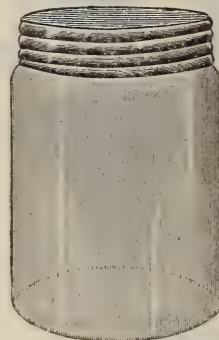
	3 oz., 10c; lb., 40c.
Straight staples.	3 oz., 5c; lb., 20c.

**TINNED WIRE.**

	Each.	Doz.
1-oz. Spools No. 30 Tinned Wire.....	5c	\$.30
¼-lb. Spools No. 30 Tinned Wire.....	10c	1.00
½-lb. Spools No. 30 Tinned Wire.....	18c	1.60
1-lb. Spools No. 30 Tinned Wire.....	27c	2.50
5-lb. Coils No. 30 Tinned Wire.....	85c	

**SHIPPING CASES. (Non-Drip.)**

24-lb. single tier, price, including glass, paper and nails, 10, \$1.50; 100, \$13

GLASS JARS.

While this No. 25 jar is more expensive than a common tin tumbler, it is the nicest package we know of for extracted honey. It is clear flint glass, with glass top and tin screw rim and rubber ring to seal tight. Packed 12 dozen in a barrel. Per bbl., \$9; per dozen, 80c.

TIN PAIS WITH RAISED COVERS.

These are a very satisfactory package for retailing extracted honey. You will observe that they are made with the intention of nesting one in the other. This saves transportation, for they go when thus nested at the same rate as stamped ware.

Size in Quarts.	Price of			
	lbs.	1	10	50 100
1 quart R. C. pail.....	2½	7	\$.65	\$3.00 \$ 5.75
2 quart R. C. pail.....	6	9	.80	3.75 7.25
3 quart R. C. pail.....	9	12	1.10	5.00 9.50
4 quart R. C. pail.....	12	15	1.30	6.00 11.50

When equal numbers of the four sizes are ordered, a discount of 5 per cent. from above figures.

All sorts of honey pails can be made to transport liquid honey safely, by pouring in a little beeswax melted with about one-half tallow around the inside edge of the lids, putting on the lid while this is warm. It practically seals the cover.

BOOKS.

Every bee-keeper, and especially a beginner in bee culture, ought to read one or more books of instruction in order to be successful in this fascinating pursuit.



A B C OF BEE CULTURE, by A. I. Root; a complete cyclopedia of bee culture, of over 400 pages and 300 illustrations. Newly revised. Price, in substantial cloth binding, by mail, \$1.20. If sent by freight or express with other goods, \$1.00.

MANUAL OF THE APIARY, by Prof. A. J. Cook. It is thoroughly practical, and comprises a full delineation of the physiology of the honey bee. New edition, with numerous new illustrations and 50 more pages than heretofore. Price, in cloth, \$1.25 postpaid; by freight or express with other goods, \$1.15.

BEEES AND HONEY, or Management of the Apiary for Pleasure and Profit, by Thos. G. Newman. It is fully up with the times; 200 illustrated pages. Price, in cloth binding, \$1.

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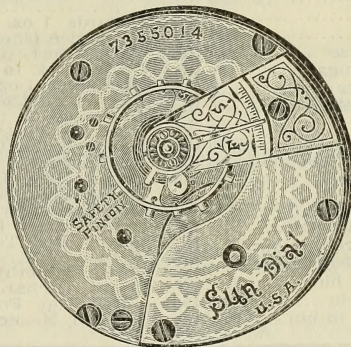
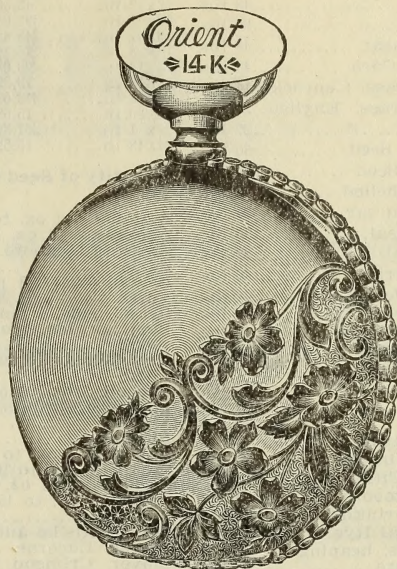
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All samples will be exhibited in our store and then be donated to the Children's Home.

REFERENCE TABLES.

Weight of Various Articles.

	Per bu.
Apples	48 lbs.
Apples, dried	22 lbs.
Barley	48 lbs.
Beans	60 lbs.
Buckwheat	48 lbs.
Broom Corn	46 lbs.
Blue Grass, Kentucky	14 lbs.
Blue Grass, English	24 lbs.
Bran	20 lbs.
Canary Seed	60 lbs.
Clover Seed	60 lbs.
Corn, shelled	56 lbs.
Corn, on ear	70 lbs.
Corn Meal	50 lbs.
Charcoal	22 lbs.
Cranberries	40 lbs.
Dried Peaches	28 lbs.
Flax Seed	56 lbs.
Fowl Meadow	12 lbs.
Hemp Seed	44 lbs.
Hungarian	48 lbs.
Millet	50 lbs.
Oats	32 lbs.
Onions	54 lbs.
Orchard Grass	14 lbs.
Osage Orange	33 lbs.
Peach Pits	48 lbs.
Peas, smooth	60 lbs.
Peas, wrinkled	56 lbs.
Perennial Rye	20 lbs.
Potatoes, heaping measure	60 lbs.
Rape	50 lbs.
Rye	56 lbs.
Red Top	14 lbs.
Salt, coarse	50 lbs.
Salt, Michigan	56 lbs.
Sweet Potatoes	56 lbs.
Timothy Seed	45 lbs.
Turnips	58 lbs.
Wheat	60 lbs.
Flour, per bbl., net	196 lbs.
Salt, per bbl.	280 lbs.

WEIGHT PER CUBIC FOOT.

Hay, well settled	4½ lbs.
Corn, on cob, in bin	22 lbs.
Corn, shelled, in bin	45 lbs.
Wheat, in bin	48 lbs.
Oats, in bin	25½ lbs.
Potatoes, in bin	38½ lbs.

Number of Plants or Trees to the Acre at Given Distances.

	Per bu.	Dis.	No.	Dis.	No.	Dis.	No.	Dis.	No.
	apart.	plants.	apart.	plants.	apart.	plants.	apart.	plants.	plants.
Apples	.48 lbs.	12x3 in.	522,720	24x24 in.	10,890	36x36 in.	4,840	60x60 in.	1,743
Apples, dried	.22 lbs.	12x3 in.	174,240	30x1 in.	209,088	42x12 in.	12,446	8x1 ft.	5,445
Barley	.48 lbs.	12x12 in.	43,560	30x6 in.	34,848	42x24 in.	6,223	8x3 ft.	1,815
Beans	.60 lbs.	16x1 in.	392,040	30x12 in.	17,424	42x36 in.	4,148	8x8 ft.	680
Buckwheat	.48 lbs.	18x1 in.	348,480	30x16 in.	13,068	48x12 in.	10,890	10x1 ft.	4,356
Broom Corn	.46 lbs.	18x3 in.	116,160	30x20 in.	10,454	48x18 in.	7,790	10x6 ft.	726
Blue Grass, Kentucky	14 lbs.	18x12 in.	29,040	30x24 in.	8,712	48x24 in.	5,445	10x10 ft.	435
Blue Grass, English.	24 lbs.	18x18 in.	19,360	30x30 in.	6,970	48x30 in.	4,356	12x1 ft.	3,630
Bran	.20 lbs.	20x1 in.	313,635	36x3 in.	58,080	48x36 in.	3,630	12x5 ft.	736
Canary Seed	.60 lbs.	20x20 in.	15,681	36x12 in.	14,520	48x48 in.	2,723	12x12 ft.	302
	.20 lbs.	24x1 in.	261,360	36x18 in.	9,680	60x36 in.	2,901	16x1 ft.	2,722
	.20 lbs.	24x18 in.	15,520	36x24 in.	7,260	60x48 in.	2,178	16x16 ft.	170

Quantity of Seed Requisite to Produce a Given Number of Plants and Sow an Acre.

	Quantity per acre.		Quantity per acre.
Artichoke, 1 oz. to 500 plants.....	oz. 6	Hemp	bu. ½
Asparagus, 1 oz. to 800 plants.....	lb. 1	Horse Radish Roots.....	10,000 to 15,000
Asparagus Roots.....	1000 to 7250	Kale, 1 oz. to 5000 plants.....	oz. 2
Barley	bu. 2½	Kohl Rabi, 1-3 oz. to 100 ft. of drill	lbs. 4
Beans, dwarf, 1 pt. to 100 ft. of drill	bu. 1	Leek, 1-3 oz. to 100 ft. of drill.....	lbs. 4
Beans, pole, 1 pint to 100 hills.....	bu. ½	Lettuce, ¼ oz. to 100 ft. of drill.....	lbs. 3
Beet, garden, 1 oz. to 100 ft. of drill	lbs. 7	Martynia, 1 oz. to 100 ft. of drill.....	lbs. 5
Beet, Mangel, 1 oz. to 100 feet of drill	lbs. 5	Melon, Musk, 1 oz. to 100 hills	lbs. 1 to 3
Broccoli, 1 oz. to 5000 plants.....	oz. 2	Melon, Water, 4 oz. to 100 hills	lbs. 1½ to 4
Brussels Sprouts, 1 oz. to 5000 plants	oz. 2	Nasturtium, 2 oz. to 100 feet of drill	lbs. 15
Buckwheat	bu. ½	Okra, 1 oz. to 100 ft. of drill.....	lbs. 8
Cabbage, 1 oz. to 5000 plants.....	oz. 2	Onion Seed, 1-3 oz. to 100 feet of drill	lbs. 4 to 5
Carrot, ¼ oz. to 100 feet of drill.....	lbs. 2½	Onion Seed for Sets.....	lbs. 40 to 80
Cauliflower, 1 oz. to 5000 plants.....	oz. 2½	Onion Seed, 1 quart to 40 feet of drill	bu. 8
Celery, 1 oz. to 15,000 plants.....	oz. 2	Parasnip, ¼ oz. to 100 ft. of drill.....	lbs. 3
Chicory	lbs. 4	Parsley, ¼ oz. to 100 feet of drill.....	lbs. 3
Clover, Alsike and White Dutch.....	lbs. 6	Peas, garden, 1 pint to 100 feet of drill	bu. 1 to 3
Clover, Lucerne	lbs. 15 to 25	Peas, field	bu. 2
Clover, Crimson Trefoil.....	lbs. 10 to 15	Pepper, 1 oz. to 1500 plants.....	oz. 3
Clover, large Red and medium.....	lbs. 8 to 12	Pumpkin, 1-3 qt. to 100 hills.....	lbs. 3 to 4
Collards, 1 oz. to 5000 plants.....	oz. 2	Radish, 2-3 oz. to 100 feet of drill	lbs. 10 to 12
Corn, rice (shelled)	qts. 2	Rye	bu. 1½
Corn, sweet, ¼ pint to 100 hills.....	qts. 6	Salsify, ¾ oz. to 100 feet of drill.....	bu. 8
Cress, ¾ oz. to 100 feet of drill.....	lbs. 12	Spinach, ½ oz. to 100 ft. of drill.....	lbs. 8
Cucumber, 1 oz. to 100 hills.....	lbs. 1 to 3	Spurry	lbs. 15
Egg Plant, 1 oz. to 2000 plants.....	oz. 4	Summer Savory	lbs. ¾
Endive, ¼ oz. to 100 feet of drill.....	lbs. 4½	Sunflower	lbs. 8
Flax, broadcast	bu. ½	Squash, Summer, 4 oz. to 100 hills	lbs. 2
Garlic, bulbs, 1 lb. to 10 ft. of drill.....	lbs. 2	Squash, Winter, 8 oz. to 100 hills.....	lbs. 2
Gourd, 2 oz. to 100 hills	bu. 1	Tomato, 1 oz. to 4500 plants.....	oz. 1
Grass, Blue, Kentucky.....	bu. 2	Tobacco, 1 oz. to 5000 plants.....	oz. 2
Grass, Blue, English	bu. 1	Turnip, 1 oz. to 250 feet of drill	lbs. 1 to 3
Grass, Hungarian and Millet.....	bu. ½	Vetches	bu. 2
Grass, Mixed Lawn	bu. 3 to 5		
Grass, Red Top, Fancy Clean,	lbs. 8 to 10		
Grass, Timothy	bu. ¼		
Grass, Orchard, Perennial Rye, Red Top, Fowl Meadow, and Wood Meadow	bu. 2		

QUALITY

We do not buy JOB LOTS of cheap seeds, of which there are large quantities to be had at low prices. Our aim is rather to buy from responsible growers and pay them a reasonable price for **TESTED SEEDS** that we can recommend to our customers with

CONFIDENCE

Buyers who have dealt with us in the past know that they can depend upon us for good seeds and fair treatment. This Catalog will be sent to thousands of new names and over a greater extent of territory than any previous issue. We ask for it a careful examination and a trial order, which we are confident will result in further business. A farmer in

CENTRAL NEW YORK

Bought seeds from us last spring and in the fall reported that they turned out as well as any he ever planted, and he had been buying for twenty years.

GIVE US A TRIAL ORDER

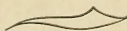
...KLONDIKE...

We do not expect to sell a great quantity of seeds in Alaska this season, but we do expect to sell a great many to growers who will plant with a view to shipping the product to the mining district.

A conservative estimate of the number of men going to the Klondike this summer is one hundred thousand, but many people believe that twice that number will go if steamships enough can be had to carry all who apply for passage. This multitude must be fed from the farms of Oregon and Washington, and there is no danger of raising too much garden truck to supply the extraordinary demand.

Our advice to farmers is to raise all the vegetables they can, commencing with lettuce and following it up with radishes, turnips, beets, cabbages, onions, beans and corn, or any product of the farm that can be shipped green, evaporated or dried.

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